Annual Report 2018

Economics at the Service of People
MESSAGE FROM THE SCIENTIFIC DIRECTORS 4
INTRODUCTION 6
Nova School of Business and Economics 8
NOVAFRICA 10
Where we are 12
RESEARCH 14
RESEARCH PROJECTS CURRENTLY ACTIVE 18
In Angola 19
In Gambia 20
In Guinea-Bissau 22
In Kenya 26
In Mozambique 28
In Portugal 32
RESEARCH WORK COMPLETED IN 2011-2018 34
KNOWLEDGE DISSEMINATION ACTIVITIES 40
CAPACITY BUILDING 48
FUNDERS & PARTNERS 54
NEXT STEPS FOR 2019 58
NOVAFRICA PEOPLE 62
Management Team 64
Advisory Board 66
External Members 67
Resident Members 68
NOVAFRICA Student Group 69
2018 was a significant year for NOVAFRICA. Seven years after its creation, NOVAFRICA’s projects have impacted directly more than 1 million individuals and families and may have indirectly impacted millions more through large scale policy replications in similar areas in Sub-Saharan Africa. These figures make us very happy, as they are the living evidence that we are gradually accomplishing our mission to produce substantial output in the fields of business and development economics in African countries.

Together with our network of academics, implementing partners, governmental and non-governmental institutions, we have been undertaking a wide range of applied research projects that heavily impacted the lives of thousands of people.

Africa is our scope of action, with a strong focus in the Portuguese speaking countries, nevertheless we continue extending our research to new geographical areas.

For example, as part of a study we are conducting on irregular migration from West Africa to Europe, we have learned that informing people that one in three people dies on their trip to Europe does not reduce, but instead increases their will to emigrate! The reason is simple, but it would not be clear without this kind of fieldwork: the initial expectation of the potential migrants was that one in two migrants would die when trying to emigrate – and yet they think this risky emigration is worthwhile given the extreme poverty they face in their daily lives.

In another work, in northern Mozambique, where terrorist attacks have been intensifying at the same time that the exploitation of valuable natural resources has started, we have learned that an Islamist anti-radicalization training initiative promoted by local mosques is more effective at reducing violence than training aimed to improve employment and integration in the job market. It is not enough to improve people’s lives as a mean to combat extremist discourses, it is necessary to de-radicalize.

In Guinea-Bissau, we observed that community health agents, that are vital for reducing child mortality, perform best when encouraged by social recognition in their communities. It should be noted that the strategy we used to convince people to use modern medical services is to work closely with traditional healers. In this way, the trust that people have in their traditional religious leaders is shifted to community health agents providing modern healthcare.

In Angola, we have learned that using technology, namely tablets with modern educational software, is a powerful tool for teachers. Teachers in this context are often poorly educated, but in this way, they can significantly improve students’ motivation to attend school and participate in teaching activities, while also somewhat improving their academic performance.

Finally, for the first time in its history, NOVAFRICA started a research project in Portugal aimed at experimentally evaluating the impact of an active immigrant integration program using a randomized control trial to be implemented among immigrants residing in the Greater Lisbon and their relatives in Cape Verde.

All these projects show that the research interests of NOVAFRICA are diverse: health, education, agriculture, financial inclusion, entrepreneurship and private sector development in general, technology adoption, international migration, natural resources and political institutions, among others always supported by our core goal: the promotion of sustainable economic development.

We gratefully acknowledge the financial support provided by multiple international donor agencies, namely: the 3ie, ATAl program at MIT, International Growth Centre at the London School of Economics and Oxford University, Islamic Development Bank, IZA, Portuguese National Science Foundation (FCT), USAID, and the World Bank. Ongoing collaborations with Carteira Móvel, VIDA NGO, and the World Bank were also crucial to maximize the impact of the research projects.

We are confident that continuing to promote high quality research projects will enable us to continue winning highly competitive tenders for project funding. Along with that, we aim to continue strengthening our links international institutions, governments and the private sector in the next few years.

The funding of our research projects has enabled a crucial investment in our student body, which make us very proud. These students are the leaders of the future and it is vital to raise awareness that Economics needs to be close to people to make a difference in the world.

Message from the Scientific Directors

Cátia Batista, Scientific Director
Pedro Vicente, Scientific Director
Introduction
Founded in 1978, the Nova School of Business and Economics (Nova SBE) is the most prestigious school in the areas of Economics, Finance and Management, and a reference in research, teaching, and executive education in Portugal. The School’s reputation is recognized by the 5 Palmes of Excellence granted by Eduniversal to a single business school in each country, thus meaning that Nova SBE is a renowned Universal Business School with Strong Global Influence.

Moreover, Nova SBE is one of the few schools in the world to hold the Triple Crown accreditation by the three leading international institutions: EQUIS, AMBA and AACSB.

The School is the exclusive Portuguese member of the GBSN – Global Business School Network, and CEMS, allowing it to offer the CEMS Master in International Management, consistently featured by the Financial Times as one of the best pre-experience masters in management in the world. Nova SBE international vocation is clear – with 3 master programs, executive education and MBA in the Financial Times rankings, the School is considered to be amongst the top 30 business schools in Europe. Additionally, Nova SBE Master in Economics was ranked by Eduniversal as the 5th best program in Europe.

At Nova SBE, students of 60 nationalities interact with professors from 25 countries. With 100% of its courses taught in English, the School has more than 150 exchange agreements with universities in 50 countries and delivers executive education programs in Europe, Brazil, Angola and Mozambique. In 2009, Nova SBE created an extremely successful business school in Luanda – the Nova Angola Business School.

The School has been focused on the production of international quality research on topics relevant to emerging economies in Africa, and has about 20 academic faculty members working on themes related to economic development. In 2011, in order to accomplish this goal Nova SBE created the NOVAFRICA knowledge center.
NOVAFRICA

NOVAFRICA is a knowledge center created by Nova SBE in 2011. Its mission is to produce expertise with an impact on business and economic development in African countries and Portugal. The center has a particular focus on Portuguese-speaking countries, i.e., Angola, Cape Verde, Equatorial Guinea, Guinea-Bissau, Mozambique, São Tomé and Príncipe, and Timor-Leste.

The knowledge created by NOVAFRICA is based on the top-quality economic and management research in economics and management produced by its members. This research is meant to reach all interested stakeholders through policy recommendations, operational and strategic advice to companies and organizations, consulting and capacity building. Several international institutions have funded NOVAFRICA research projects, including the World Bank, the Islamic Development Bank, USAID and DFID. Some of these projects have been managed in partnership with peer research centers such as the Centre for the Study of African Economies (University of Oxford), the International Growth Centre (London School of Economics) and Innovations for Poverty Action (Yale University).

The center includes a resident team of renowned professors at Nova SBE, and a team of established external members based on prominent international institutions, representing a diversity of backgrounds and a broad range of areas of expertise relevant to research on economic development in Africa, Asia, and Central/South America. NOVAFRICA also has an advisory board, which includes several experts on economic development policies in Africa and elsewhere, who support the center in transforming the knowledge it produces into policy impact. The NOVAFRICA Student Group is a student-led initiative that includes many dozens of students from Nova SBE who are interested in economic development in Africa, and who support the center’s activities in a variety of ways, including interviews with NOVAFRICA visitors, discussion groups, and social media dissemination of the knowledge produced by the center.

NOVAFRICA organizes events such as conferences, seminars and debates in Lisbon and in various African cities such as Maputo and Luanda, with the purpose of disseminating the knowledge produced by the center and promoting exchanges and the creation of networks among the participants.

It is also worth mentioning that NOVAFRICA’s actions are focused on the promotion of sustainable development and its mission is aligned with United Nations Sustainable Development Goals (SDG), aimed at ensuring a life in human dignity, with equal opportunities for all, within the limits of our planet.
NOVAFRICA has designed and implemented impact evaluations of development interventions in a variety of sectors in Sub-Saharan Africa, including natural resources, education, health, agriculture, financial inclusion, international migration, and civic education.

From its headquarters in Lisbon and its office in Maputo, NOVAFRICA has already designed and implemented more than 30 projects in Angola, Cape Verde, Guinea-Bissau, Kenya, Mozambique, Nigeria, São Tomé and Príncipe, and in the Gambia, which confirms the technical, financial and logistical capacity of the center.

In addition to the staff based in Maputo, the center also has a pool of field coordinators and teams in different countries that go to the field on a regular basis to collect data and implement development interventions, thus being familiar with firm-level and household surveys, face-to-face semi-structured interviews and focus group discussions.

WHERE WE ARE

Introduction
Research
Research is in NOVAFRICA’s DNA. Our approach is based on economic analysis that values rigorous evidence as a necessary basis for the formulation and implementation of public policies with greater impact through the application of randomized experiments.

NOVAFRICA develops research activities in the areas of economics and business management, with the purpose of collecting rigorous evidence that has real impact on people’s lives. As a result of these activities, the centre produces academic publications of relevance to the development process, and publications that have a significant applied nature — including publications that contribute to manager training or to the design of public policies.

Methodology

Since its creation, NOVAFRICA has been using pioneering policy impact evaluation experimental methodologies, including data collection in the field working in close contact with policy beneficiaries. Only in this way it is possible to assess the real impact of measures and policies aimed at reducing poverty, promote social integration and provide equal opportunities for all. NOVAFRICA typically assesses policy impact through randomized controlled trials, enabling comparability between treatment and control groups, which constitutes the state-of-the-art method for establishing the causal impact of development interventions.

NOVAFRICA is the only center in Europe to exclusively adopt experimental methods in producing research to improve economic development.

Evidence with Policy Impact

Field research is one of the most important pillars of NOVAFRICA. The scientific evidence produced by our international research projects has focused on relevant topics to the emerging economies of sub-Saharan Africa, notably those located in the Portuguese-speaking countries. Our research projects aim at producing evidence to influence and support the formulation and publication of public policies. These projects typically involve a partnership with a relevant stakeholder interested in knowing the impact of its innovative activities on indicators related to the living standards of the beneficiaries. These indicators are collected through surveys, behavioral games, and the analysis of administrative data. Moreover, in all its activities NOVAFRICA engages with the local organizations and governments to build a culture of evidence-based decision making.
In 2018 we had 15 ongoing large field research projects, typically involving randomized impact evaluations to measure changes in the lives and businesses of thousands of African nationals (namely Mozambicans, Guineans, Gambians, Angolans, Kenyans and Cape Verdeans).

**RESEARCH PROJECTS CURRENTLY ACTIVE**

**ProFuturo: Evaluating the impact of the technology-based program Aula Digital in primary schools**

**Principal investigators:**
- Pedro Vicente (Nova SBE)
- Teresa Molina (Nova SBE)
- Joana Cardim (Nova SBE)

**Field coordinator:**
- Carine Canonici Costa, Xavier Schenker

**Funders:**
- Telefónica Fundación, “la Caixa” Foundation

**Description:**
Primary school coverage has been increasing in many developing countries. Angola is no exception. However, learning indicators such as literacy and numeracy rates are not as optimistic. Many programs have been trying to improve education quality in developing countries, some using technology as part of new pedagogical methods. Computer hardware combined with adaptive-learning software can potentially have a strong positive impact on student achievement. ProFuturo is one of these programs. Through its own pedagogical vision, it goes well beyond the provision of technologic hardware, as it offers an innovative and personalized approach to teaching and learning. This study aims to evaluate the impact of the ProFuturo – Aula Digital program in the specific context of the capital city of Angola, Luanda, through a randomized controlled trial. The core purpose of the evaluation is to measure the impact of the program Aula Digital, revealing its main strengths, and in which aspects improvements can be made. In order to reach a comprehensive analysis, we propose to measure not only outcomes that illustrate students’ cognitive abilities, such as the ones employing standardized written tests, but also mediating outcomes, namely those related to teacher and student motivation and absenteeism rates, parents’ expectations and satisfaction, and students’ non-cognitive skills such as confidence, cooperation and self-knowledge.

**Mobilizing Parents at Home and at School: An Experiment on Primary Education in Angola**

**Principal investigators:**
- Vincenzo Di Maro (World Bank)
- Pedro Vicente (Nova SBE)
- Danila Serra (Southern Methodist University)

**Project coordinator:**
- Miguel Lino Ferreira

**Description:**
The Fundo de Apoio Social (FAS) provides support to local decision-making institutions while financing local infrastructures (schools, health centers). In collaboration with the Development Impact Evaluation Initiative of the World Bank, we designed and implemented an impact evaluation project of a capacity building component of FAS. This evaluation took place in the Kwanza-Sul, and included detailed measurements implemented through primary data collection. In this project, we followed the implementation of a community-based monitoring intervention in randomly selected primary schools in Angola. The first component we analyzed was an information campaign using score cards comparing the performance of the local school relative to other schools in the area, as well as a comic strip with detailed information on the importance of participating in kids’ education. The second component included parent meetings and the facilitation of discussions about school related issues raised by parents.
Understanding Willingness to Migrate Illegally: Evidence from a Lab in the Field Experiment

Principal investigators:
Tijan L. Bah (Nova SBE)
Cátia Batista (Nova SBE)

Funder:
NOVAFRICA and Nova SBE

Description:
Illegal migration to Europe through the sea, though risky, remains one of the most popular migration options for many Sub-Saharan Africans. This study aims at improving our understanding of the determinants of the willingness to migrate illegally from West Africa to Europe. We implemented an incentivized lab-in-the-field experiment in rural Gambia with a sample of male youths aged 15 to 25 years old. According to our data, potential migrants overestimate both the risk of dying en route to Europe, and the probability of obtaining legal residency status. The preliminary results from our study indicate that the migration decisions of potential migrants are likely to actively respond to relevant information.
Agricultural intervention: the impact on livelihoods and social capital of subsistence farmers in Guinea-Bissau

Principal investigators:
Pedro Vicente (Nova SBE)
Rute Martins Caeiro (Nova SBE)

Funders:
European Union and Camões – Instituto da Cooperação e da Língua

Partner:
VIDA, NGO (Voluntariado Internacional para o Desenvolvimento Africano)

Description:
The large majority of Guinea-Bissau population lives in rural areas and is highly dependent on subsistence agriculture. This research project evaluates the impact of an agricultural intervention program for farmers implemented by the partner organization VIDA, in the northwest of Guinea-Bissau. The intervention fosters cooperation between farmers, provides agricultural technical training and inputs, and promotes linkages to local markets. The team conducts a randomized field experiment to evaluate the impact of this intervention on the level of social cohesion between farmers, adoption of agricultural technology, production patterns and living standards. Moreover, the team also examines the role of social networks in the agriculture adoption process.

Belief Systems and Health Behaviors in Guinea Bissau

Principal investigators:
Alexander Coutts (Nova SBE)
Teresa Molina (Nova SBE)
Pedro Vicente (Nova SBE)

Field coordinator:
Bruno Spellanzon

Funders:
Fundação para a Ciência e a Tecnologia (FCT)

Partners:
VIDA

Description:
While recent decades have seen remarkable progress in improved global health outcomes, Sub-Saharan Africa (SSA) remains a region where maternal and newborn diseases remain the primary causes of death [World Bank (2013)]. Guinea-Bissau is no exception, with nearly 70 percent of the population living below the poverty line. In addition to a high rate of maternal mortality, Guinea-Bissau suffers from a high rate (25%) of chronic malnutrition. This project investigates how much of low demand for preventive health care can be explained by lack of awareness or knowledge and to what extent can knowledge and beliefs on health be shifted. Our study will take place in two regions within Guinea Bissau, Biombo and Cacheu. We will conduct a randomized controlled trial (RCT) which aims to provide reliable health information to effectively change behavior. A key focus of this research will be on studying and understanding health related beliefs, as an important first step to understanding how to best develop policies to change behavior.

A primary component of our study is providing information on the benefits of preventative care products and services that are available but underutilized. A key innovation of this intervention is that we will study how the identity of the provider of information matters for how individuals perceive this information, and subsequently use it when making health decisions. This will be combined with a detailed survey on individuals’ beliefs about health outcomes. This project will be the first large-scale study to put together a randomized information intervention on health behaviors and direct measurement of beliefs in Guinea Bissau.
Incentives of Community Health Agents in Guinea-Bissau

Principal investigators:
Pedro Vicente (Nova SBE)
Teresa Molina (Nova SBE)

Field coordinator:
Mattia Fracchia
Melisa Rodrigues

Partner:
VIDA, NGO (Voluntariado Internacional para o Desenvolvimento Africano)

Description:
The health sector in Guinea-Bissau faces a severe shortage of health workers and lack of access to health facilities. Therefore, the Guinean government and its national and international partners defined a national strategy to reduce maternal, infant and juvenile mortality and to increase access to basic health provisions, in which community health initiatives play a crucial role. In this context, VIDA, together with the Ministry of Health created and organized a system of Community Health Agents (CHA) in the Autonomous Sector of Bissau. CHA programs are becoming increasingly popular in sub-Saharan Africa. In recent years, community health workers have become an essential part of national and international health strategies on the delivery of health care in the region. At the same time, there is a concern that the low motivation of CHAs may threaten the potential benefits of investing in CHA programs.

This study wants to investigate to what extent a model in which non-financial incentives are offered on top of basic monetary benefits can result in a sustainable and effective system to incentivize CHAs in developing countries. First, we study incentives activating intrinsic motivation of the agents, related to the pro-social characteristics of the CHA role and non-monetary rewards targeting the extrinsic motivation of the agents, such as social recognition in the community. Second, this study wants also to test whether the dissemination of information on CHAs’ work in targeted communities could improve the effectiveness of the program. Finally, the team will also devote attention to the possible complementarity between the different non-financial incentive schemes and to the complementarity between informed beneficiaries and appropriate incentive schemes.
Testing Classic Theories of Migration in the Lab

Principal investigators:
Cátia Batista (Nova SBE)
David McKenzie (World Bank)

Field coordinator:
Rui Mascarenhas

Funder:
World Bank

Description:
We use incentivized laboratory experiments to investigate how potential migrants make decisions between working in different destinations in order to test the predictions of different classic theories of migration. We test theories of income maximization, migrant skill-selection, and multi-destination choice and how the predictions and behavior under these theories vary as we vary migration costs, liquidity constraints, risk, social benefits, and incomplete information. We show how the basic income maximization model of migration with selection on observed and unobserved skills leads to a much higher migration rate and more negative skill-selection than is obtained when migration decisions take place under more realistic assumptions. Second, we find evidence of a home bias, where simply labelling a destination as “home” causes more people to choose that location. Thirdly, we investigate whether the independence of irrelevant alternatives (IIA) assumption holds. We find it holds for most people when decisions just involve wages, costs, and liquidity constraints. However, once we add a risk of unemployment and incomplete information, IIA no longer holds for about 20 percent of our sample.
Farmer participatory experimentation in Mozambique

Principal investigators: Cátia Batista (Nova SBE) Gharad Bryan (LSE) Dean Karlan (Yale University)

Field coordinator: Timóteo Simone

Funders: Islamic Solidarity Fund for Development of the Islamic Development Bank and the International Growth Centre

Partners: Innovations for Poverty Action and Centro de Investigação e Transferência de Tecnologia para o Desenvolvimento Comunitário, an agency of the Ministry of Science and Technology of Mozambique

Description: The use of improved agricultural technologies (such as fertilizers or improved seeds) is very limited in Mozambique. We conduct a randomized field experiment to evaluate the impact of smallholder farmers’ own experimentation with new agricultural technologies on adoption of these same technologies. More than 5000 farmers in the North of the Zambezia province will be part of this study.

Financial Literacy of Managers and the Efficiency of Capital Allocation in Corporations

Principal investigators: Cláudia Custódio (Nova SBE) Daniel Metzger (Stockholm School of Economics)

Field coordinator: Diogo Mendes

Funders: International Growth Center (IGC)

Partners: Stockholm School of Economics

Description: This research project seeks to attain a better understanding of the views and actions of senior managers on financial policies. This study conducts personal interviews with executives of the largest companies in Mozambique and develops an in-depth analysis of the financial context in Mozambique. This work is aimed at shedding new light on the business environment in Mozambique and providing precious insights for the design of effective policies that favor the sustainable economic growth of the country.

On the mechanics of the natural resource curse: information and local elite behavior in Mozambique

Principal investigators: Alex Armand (Universidad de Navarra) Alex Coutts (Nova SBE) António Cruz (Universidade Eduardo Mondlane) Pedro Vicente (Nova SBE)

Funders: 3ie – Transparency and Accountability Initiative and the International Growth Centre

Partners: @Verdade (newspaper)

Description: Mozambique discovered substantial natural resources in recent years. Known gas reserves in the Rovuma basin have the potential to transform Mozambique into a global player in Liquefied Natural Gas exports. Being a recent democracy, and with relatively weak institutions, Mozambique also faces considerable risks of resource and revenue mismanagement in the future, particularly since media independence and penetration are low, and the level of political accountability is not improving. This research project will evaluate the distribution of information about the management of the newly discovered natural gas in the Rovuma basin, and the holding of citizen meetings to deliberate on the main priorities for spending the revenues from these resources. Through the widespread provision of information about the management of natural resources in the country the resource curse can possibly be counteracted.

Entrepreneurship training in Mozambique: the role of business skills vs. aspirations

Principal investigators: Cátia Batista (Nova SBE) Julia Seither (Nova SBE)

Funders: International Growth Centre and NOVAFRICA

Description: Increasing the productivity of entrepreneurship and transforming micro-enterprises into SMEs in Mozambique is one of the major challenges facing local policy makers, international institutions, and NGOs. The aim of this research project is to provide experimental evidence on the mechanisms and possible solutions to support exactly this objective. For this purpose, a randomized controlled trial will be implemented among 600 small-scale entrepreneurs in the outskirts of Maputo. Specifically, we will provide experimental evidence to answer the following key questions: • Can entrepreneurship training positively affect productive microenterprises in low income countries? • Can the aspirations of entrepreneurs, i.e., the goals they set themselves, be changed in a positive way that leads microenterprises towards efficiency? • Can synergetic productivity gains be obtained by combining entrepreneurship training with setting positive aspirations of microentrepreneurs?
RESEARCH PROJECTS CURRENTLY ACTIVE IN MOZAMBIQUE

On the Mechanics of the Political Resource Curse: Behavioral Measurements of Information and local elite behavior in Mozambique

Principal investigators:
Alex Armand (Universidad de Navarra)
Alex Coutts (Nova SBE)
António Cruz (Universidade Eduardo Mondlane)
Pedro Vicente (Nova SBE)
Inês Vilela (NOVA SBE)

Collaboration:
Alex Coutts
Funders:
3ie – Transparency and Accountability Initiative
Partners:
@Verdade Newspaper
Description:
This research project will evaluate the distribution of information about the management of the newly discovered natural gas in the Rovuma basin, and the holding of citizen meetings to deliberate on the main priorities for spending the revenues from these resources. Through the widespread provision of information about the management of natural resources in the country the resource curse can possibly be counteracted.

Randomized Impact Evaluation of Farmer Participatory Innovative Agriculture Practices

Principal investigators:
Cátia Batista (Nova SBE)
Gharad Bryan (LSE)
Dean Karlan (Yale University)

Field coordinator:
Timóteo Simone

Funders:
Islamic Solidarity Fund for Development of the Islamic Development Bank and the International Growth Centre
Partners:
Innovations for Poverty Action and Centro de Investigação e Transferência de Tecnologia para o Desenvolvimento Comunitário (CITT)

Description:
The use of improved agricultural technologies (such as fertilizers or improved seeds) is very limited in Mozambique. We conduct a randomized field experiment to evaluate the impact of smallholder farmers’ own experimentation with new agricultural technologies on adoption of these same technologies. The project takes place in the district of Molumbo, Zambezia, to analyze the effect of teaching farmers how to experiment with new agricultural technologies on their farms on the adoption of these agricultural technologies. The intervention is combined with different degrees of technical extension assistance and of village dissemination of the results of the main intervention.

Preventing Islamic Radicalization in Mozambique: through faith or employment?

Principal investigators:
Pedro C. Vicente (Nova SBE)
Inês Vilela (Nova SBE)

Field coordinator:
Imamo Mussa
Lucio Raul

Funders:
International Growth Center
Partners:
CISLAMO

Description:
In this project we look at the recent violent attacks in northern Mozambique, conducted by groups advocating religious extremism. We evaluate two interventions targeting mosque attendees in northern Mozambique. The first intervention focuses on discussing the Sharia law and Muslim faith in a secular state. The second intervention is a workshop about job searching and job opportunities. Both interventions are implemented in collaboration with the national Muslim organization, CISLAMO.
Integrating Immigrants as a Tool for Broad Development: Experimental Evidence for Portugal and Cape Verde

**Principal investigators:**
Cátia Batista (Nova SBE)
Sónia Dias (ENSP)

**Project Coordinator:**
Sara Queirós (Nova SBE)

**Funder:**
Fundação para a Ciência e a Tecnologia (FCT)

**Partner:**
Outsystems

**Description:**
Immigration can contribute importantly to the sustainable economic growth of ageing host countries like Portugal. The challenge for this policy to succeed is the integration of immigrants. This project proposes to experimentally evaluate the impact of an active immigrant integration program using a randomized control trial to be implemented among immigrants residing in the Greater Lisbon and their relatives in Cape Verde. The program to be evaluated will be multi-dimensional and is expected to promote better quality employment of migrants, better access and usage of health and education services, and to improve other integration indicators.
Research work completed in 2011-2018

NOVAFRICA engages conceptual and empirical research that advances our understanding about the role, dynamics, and impact of corporations and institutions in the promotion of economic sustainable development.

A selection of international quality research on topics relevant to emerging economies in Africa conducted by resident faculty at Nova SBE in 2011-2018 follows:

**PUBLISHED ARTICLES**

- Coutts, A. (Forthcoming). Good News and Bad News are Still News: Experimental Evidence on Belief Updating. Experimental Economics;
- Delavande, A., Sampaio, M., Sood, N. (2014). HIV-related social intolerance and risky sexual behavior in a high HIV prevalence environment. Social Science and Medicine, 111, 84-93;
BOOK CHAPTERS


POLICY REPORTS


Knowledge Dissemination Activities
Knowledge Dissemination Activities

Knowledge is a way of connecting people and improve their skills. In line with the Nova SBE’s international strategy, NOVAfrica develops several actions with faculty community, stakeholders, international universities, NGO’s and other partners with the goal of dissemination knowledge.

- **Organization of 100 + seminars on economic development**
  with top international academics and practitioners such as:
  - Joshua Angrist, MIT
  - Abhijit Banerjee, MIT
  - Emily Breza, Columbia University
  - Paul Collier, Oxford University
  - Christian Dustmann, University College London
  - Marcel Fafchamps, Stanford University
  - Tavneet Suri, MIT
  - Leonard Wantchekon, Princeton University

- **Organization of annual international conference on economics development**

- **200 + submissions following international open calls for papers.**

- **75 + speakers from academia, private sector and policy making, including a Nobel Prize Winner.**

- **200 + participants from Europe, US, Africa and other international regions.**
Knowledge Dissemination Activities

NOVAFRICA Seminars in 2018

The seminars that NOVAFRICA organizes are an open door to the world. Development economics has in this space a stage where leading international researchers come to participate. These seminars allow diffusion of frontier research, while also promoting networking among participants and enabling the dissemination and greater visibility of the knowledge produced in NOVAFRICA.

Several development economists based at the best universities in Africa, Europe and North America, but also at international institutions such as the World Bank (WB) and the International Monetary Fund (IMF), are invited to present their papers in various topics twice a month at Nova SBE, facilitating the exchange of ideas and discussions between them and the School’s faculty and PhD students.

The following table summarizes the seminars that have been organized by the center in 2018.

<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>28th Nov</td>
<td>Alex Scacco, WZB - Berlin Social Science Center</td>
<td>The Myth of the Misinformed Irregular Migrant? Insights from Nigeria</td>
</tr>
<tr>
<td>14th Nov</td>
<td>Ragnar Torvik, Norwegian University of Science and Technology</td>
<td>The Political Agenda Effect and State Centralization</td>
</tr>
<tr>
<td>07th Nov</td>
<td>António Cruz, UNU-WIDER</td>
<td>Industries without smokestacks: Mozambique case study</td>
</tr>
<tr>
<td>31st Oct</td>
<td>Erwin Bulte, Wageningen University</td>
<td>Toward an Understanding of the Welfare Effects of Nudges: Evidence from a Field Experiment in Uganda</td>
</tr>
<tr>
<td>10th Oct</td>
<td>Eoin McGuirk, Tufts University</td>
<td>No Kin in the Game: Moral Hazard and War in the U.S. Congress</td>
</tr>
<tr>
<td>26th Sep</td>
<td>Richard Akresh, University of Illinois at Urbana-Champaign</td>
<td>Long-term and Intergenerational Effects of Education: Evidence from School Construction in Indonesia</td>
</tr>
<tr>
<td>19th Sep</td>
<td>Julia Seither, Nova SBE</td>
<td>Keeping Up with the Joneses: Relative Performance Feedback and Business Performance</td>
</tr>
<tr>
<td>14th Sep</td>
<td>Michel Beine, University of Luxembourg</td>
<td>Migration Desires and the Role of Integration Policies</td>
</tr>
<tr>
<td>12th Sep</td>
<td>Frederic Docquier, Université Catholique de Louvain</td>
<td>Climate change, Inequality and Migration</td>
</tr>
</tbody>
</table>
CONFERENCES AND WORKSHOPS

Conferences and workshops are important ways to exchange experiences and knowledge. Through this kind of events NOVAFRICA disseminates the practical impact of the center’s research in developing countries and create new insights by bringing together researchers and other experts in development economics.

Examples of events in which NOVAFRICA participated in 2018 follow:

**Roundtable “A conversation about inNOVATION and development in Africa”**

NOVAFRICA organized a roundtable in September 2018 dedicated to innovation and development in Africa. Pedro Vicente, Scientific Director of NOVAFRICA was the moderator of this conversation with Belarda Mondlane – Student of MSc Management at Nova SBE, mentor at Girl Move, Alexander Coutts – Assistant Professor at Nova SBE, specialist in Behavioral Economics in Africa, and Alberto da Cruz – Manager at the International Growth Centre (NOVAFRICA’s partner in Mozambique).

**Conference on Research in Africa (RAF), The First NOVA / Cambridge Joint Initiative**

On 3rd and 4th October 2018, the Rectorate of Universidade Nova de Lisboa and Cambridge University organized a two-day conference about “Research in Africa”. This event was the first initiative within the framework of the institutional collaboration between NOVA and the University of Cambridge.

NOVAFRICA had an important and active role on this event with the participation of several faculty members and researchers who are or have been abroad working on activities related to the research projects, in different areas of development economics, with impact in Africa.

In this conference NOVAFRICA presented some of its research projects but also contributed with its experience on the field.
Capacity Building
CAPACITY BUILDING

Between 2018 and 2019, NOVAFRICA offered 9 internships and 13 PhD candidates were directly working on NOVAFRICA projects.

NOVAFRICA aims to build the African leaders of tomorrow, improve the capacity of researchers to produce evidence, create innovative programs in development economics and public policy, stimulate students to win new skills beyond the academic knowledge and develop a diversity of projects to increase the capacity of policymakers, international organizations, NGOs and other partners.

These activities take place in several places between Lisbon, Luanda, Maputo and Bissau. In this sense, NOVAFRICA continued in 2018 to develop new partnerships aiming at strengthening local capacity building activities such as internships and training sessions in these countries.

AGE – Atlantico Global Economics, a BMA/NOVAFRICA Partnership

A macroeconomics research project in partnership with Banco Atlantico that aims to create a top-tier macro research center in southern Africa, with a strong technical and analytical capacity, that promotes and influence the best practices on public and private economic policies.

All the deliverables are the result of close and ongoing collaboration between the NOVAFRICA members based in Lisbon, and their BMA colleagues based in Luanda, thus creating a single working team. While NOVAFRICA ensures the scientific and executive coordination of the project given the expertise of its members in the production of international macroeconomics analyses, BMA uses its capacity to bring local information together with access to institutional data sources.

The AGE team produces quarterly reports about the Angolan economy, plus a series of short texts about specific issues.

Lusophone Management Development Institute (MDI) for Health Care Organizations – 2nd Edition

In 2018, NOVAFRICA organized the second edition of the Management Development Institute (MDI), in Portuguese, in Maputo. MDI is a one-week intensive training designed to enhance the leadership, management and governance skills of program managers and leaders of sub-Saharan organizations, governmental and nongovernmental, which are devoted to delivering health care services to underserved populations. The program has been designed to specifically assist African ministries of health in implementing their particular national health priorities. The MDI was launched in Mozambique in December 2017, in partnership with the Global Business School Network and supported by Johnson and Johnson. This program already exists in Ghana, Kenya, Senegal and South Africa.

+80 participants from several Portuguese-speaking African countries.
NOVAFRICA research internships in 2018

Several students from Nova SBE, local and international universities participate yearly in NOVAFRICA research projects, developing research skills that promote local businesses, quality of public services and more generally foster economic development.

The research projects are conducted in close contact with local private companies, NGO’s and/or public institutions and promote the sustainable development of the local and global economy.

In 2018 NOVAFRICA offered 9 internships in Angola and Guinea-Bissau (6 in Angola and 3 in Guinea-Bissau) and 13 PhD candidates were directly working on the NOVAFRICA projects.

“Mobilizing Parents at home and at school. An impact evaluation of the Fundo Social in Angola” in the Cuanza-Sul province, Angola.
Interns: Ornella Dellacio, Frederica Mendonça

“ProFuturo: Evaluating the impact of the technology-based program Aula Digital in primary schools” in Luanda the capital city of Angola.
Interns: Carine Canocini, Xaver Schenker, Sara Queirós, Sara Vaz

“Incentives of Community Health Agents in Guinea-Bissau” in Bissau, Guinea-Bissau.
Interns: Fulvia Budillon, Riccardo D’Ercole, Melisa Rodrigues

The feedback of the NOVAFRICA research interns over the past years highlights how this experience contributes to developing their sensitivity to the needs and specificities of local development strategies, ultimately helping the interns to develop their research skills and to strengthen their motivation to contribute towards promoting local businesses and fostering economic development at large.

NOVAFRICA Ph.D. Candidates work on different research topics in Africa with faculty at Nova SBE and NOVAFRICA affiliates worldwide

NOVAFRICA PhD candidates in 2018:

Sara Almeida

Tijan L. Bah
Fields of study: Development Economics, International Migration

Rute Martins Caeiro
Fields of study: Development Economics, Agricultural Economics, Social Networks

Joana Cardim Dias
Fields of study: Development Economics, Education

Mattia Fracchia
Fields of study: Development Economics, Behavioral Economics, Incentive Theory

Matilde Grácio
Fields of study: Development Economics, Behavioral Economics

Ana Garcia-Hernandez
Fields of study: Development Economics, Political Economy, Behavioral Economics, Gender

Stefan Leeffers
Fields of study: Development Economics, Political Economy, Behavioral and Experimental Economics

Carolina Gameiro Nogueira
Fields of study: Development Economics, Gender

Julia Seither
Fields of study: Development Economics, Behavioral Economics, Applied Microeconomics, Migration

Bruno Spellanzon
Fields of study: Health, Education, Development Economics

Inês Vilela
Fields of study: Development Economics, Political Economy, Social Network

Christophe Deuster
Fields of study: Migration, human capital, and climate change
Funders & Partners
The International Growth Centre is a research institute that provides advice on economic growth to the governments of developing countries. It is based at the London School of Economics operated in partnership with the University of Oxford.

The IZA – Institute of Labor Economics is a private, independent economic research institute and academic network focused on the analysis of global labor markets. It was founded in 1998 with the support of the Deutsche Post Foundation.

Johnson & Johnson is an American multinational medical devices, pharmaceutical and consumer packaged goods manufacturing company founded in 1886. The corporation includes some 250 subsidiary companies with operations in 60 countries.

The Massachusetts Institute of Technology is a private research university founded in 1861. The MIT is often ranked among the world’s top universities.

Outsystems is a low-code platform for the development of enterprise web and mobile applications, which run in the cloud, on-premises or in hybrid systems.

The Stockholm School of Economics is one of Europe’s leading business schools. It offers BSc, MSc and MBA programs, along with highly regarded PhD and Executive Education programs. The School is accredited by EQUIS and is a member of CEMS.

The United States Agency for International Development is an independent agency of the US federal government that is primarily responsible for administering civilian foreign aid and development assistance.

The World Bank is an international financial institution that provides loans to countries for capital projects. It comprises the International Bank for Reconstruction and Development, and the International Development Association.
Next Steps for 2019
NEXT STEPS FOR 2019

NOVAfrica is committed to strengthen and broaden its area of action. Social inclusion and education are two areas in which it aims to develop research projects in Portugal. Nevertheless, the center keeps the focus of its action in Africa, where it will continue to expand its interventions on experimental impact evaluation of policy initiatives.

The development of the student’s skills is vital. The center will continue to promote research aimed at improving students’ capabilities that will allow them to become the future generators of an inclusive and sustainable global economy. To fulfill this objective, NOVAfrica projects will create educational frameworks, materials, processes and environments that enable effective learning experiences for responsible leadership.

NOVAfrica will continue dedicated to increasing and promoting its institutional relations both with the public and private sectors and reinforcing the existing partnerships. In addition, the center will remain committed in creating stronger evidence that can effectively improve people’s lives and contribute to poverty reduction. To accomplish this goal, NOVAfrica will promote the adoption of best practices in economic policies aimed at local and global economic development, ultimately continuing its mission to put economics at the service of the people.
NOVAFRICA people
NOVAFRICA People

MANAGEMENT TEAM

Cátia Batista
Associate professor of economics at Nova SBE, co-founder and scientific director of NOVAFRICA

Cátia has conducted research including randomized and lab-in-the-field experiments on topics related to mobile money and financial innovation, international migration and remittance flows, entrepreneurship and technology adoption, including agricultural modernization, in countries such as Cape Verde, the Gambia, Ireland, Kenya, Portugal, Mozambique and São Tomé and Príncipe. Her research has been published in international peer-reviewed development journals such as the Journal of Development Economics, or the World Bank Economic Review.

Cátia holds a PhD in Economics from the Department of Economics of the University of Chicago. She is affiliated as a researcher with CReAM (University College London, UK) and IZA (University of Bonn, Germany). Previously, Cátia has taught at the University of Chicago, University of Oxford, Trinity College Dublin and Notre Dame University. She has worked as a consultant for the International Growth Centre and for the World Bank.

Pedro Vicente
Associate professor of economics at Nova SBE, co-founder and scientific director of NOVAFRICA

Pedro researches on development economics, with an emphasis on political economy issues, and a special interest in Africa. He designed and conducted field work (including a number of randomized field experiments) in Angola, Cape Verde, Mozambique, Nigeria, and São Tomé and Príncipe. He has published articles in top journals such as the Review of Economics and Statistics, the Economic Journal, and the Journal of Development Economics. Pedro holds a PhD in Economics from the University of Chicago, an MSc in Economics from the London School of Economics, and a BSc in Economics from Universidade Católica Portuguesa. Pedro is affiliated with BREAD (Duke University, USA) and with the CSAE (University of Oxford, UK). He is Lead Academic for Mozambique at the International Growth Centre, and a consultant for the World Bank.

Miguel Lino Ferreira
Executive director of NOVAFRICA

Miguel has managed and conducted fieldwork (including randomized field experiments) in Angola and Mozambique. Miguel holds an MSt in Diplomacy from the University of Oxford, and a BSc in Economics and a BSc in Management, both from Nova SBE. Miguel is affiliated with the Oxford University Foreign Service Programme (Oxford, UK). He is also a consultant for the World Bank in Africa and the Middle East.

Raquel Fernandes
Coordinator of NOVAFRICA

Raquel Fernandes has worked in Luanda as Human Resources Director, coordinating the HR department in companies with interests in various business areas. In Mozambique, Raquel has collaborated with the NGO Equipa d’Africa in the field of health and education. Raquel holds an executive master in Management from Nova SBE – Executive Education. She has a BSc in Clinical Psychology from the Instituto Superior de Psicologia Aplicada.
ADVISORY BOARD

The NOVAFRICA Advisory Board includes a number of experts in implementing and advising on policies that promote sustainable economic development in Africa. The board provides overall strategic guidance and supports the implementation of activities in research, capacity building and policy outreach.

In 2018, the advisory board members were the following:

Luís Amado
Former Foreign Affairs Minister of Portugal and Organizer of the 2007 Africa-EU Summit.

Paul Collier
Professor of Economics at the University of Oxford.

Luísa Diogo
Chairwoman of Barclays Mozambique, Former Prime Minister and Finance Minister of Mozambique.

Jorge Braga de Macedo
Professor of Economics at Nova SBE and Former Finance Minister of Portugal.

José António Ferreira Machado
Vice-Rector of Universidade Nova de Lisboa and Former Dean of Nova SBE.

Roger Myerson
Professor of Economics at the University of Chicago and Nobel Prize in Economics laureate 2007.

José Octávio Serra Van-Dúnem
Professor of Philosophy and Sociology of Law at the Faculdade de Direito da Universidade Agostinho Neto.

EXTERNAL MEMBERS

With a diversity of backgrounds and areas of expertise, the NOVAFRICA external members are the network of researchers outside of the Nova SBE who collaborate in the implementation of NOVAFRICA’s activities.

In 2018, the external members were the following:

Adeline Delavande
Professor at the University of Essex.

Ana Margarida Fernandes

Dean Karlan
Professor at Northwestern University and President of Innovations for Poverty Action (IPA).

Dean Yang
Professor at the University of Michigan.

David McKenzie

Elsa Morais Sarmento
Principal Evaluation Officer at the African Development Bank.

Marcel Fafchamps
Senior Fellow at the Center on Democracy, Development, and the Rule of Law, Stanford University.

Paulo Santos
Lecturer at Monash University.

Pedro Carneiro
Professor at the University College London.

Pedro Silva Martins
Professor at Queen Mary, University of London.

Sandra Sequeira
Lecturer at the London School of Economics.

Tilman Brück
Founder and Director of International Security and Development Economics at IGZ.
In 2018, the resident members of the NOVAFRICA Student Group were the following:

Ana García Hernandez
Bruno Spellanzon
Carine Spellanzon
Carolina Nogueira
Fabio Stohler
Frederica Mendonça
Inês Vilela
Joana Cardim
Julia Menge
Julia Seither
Matilde Grácio
Matteo Ruzzante
Ornella Dellaccio
Riccardo D’Ercole
Mattia Fracchia
Rute Caeiro
Sara Almeida
Stefan Leeffers
Tijan Bah
Xaver Schenker

The NOVAFRICA Student Group (NSG) is managed by post-graduate students from Nova SBE and its main objective is to promote a fruitful connection between those junior researchers/students and the Center, by encouraging participation in the internships, and by promoting and supporting the Center’s activities and projects.

The group organizes discussion series on a biweekly basis with Nova SBE professors, allowing them to discuss relevant issues in development economics and frontier research in related topics. The aim is not only to serve as a platform for knowledge sharing, but also to increase networking between faculty members and all types of students interested in the field of economics.

In 2018, the resident members were the following:

Alexander Coutts
Ana Balcão Reis
André Silva
Carmen Lages
Cátia Batista
Cláudia Custódio
Daniel Traça
Emanuel Gomes
Filipa Castanheira
Francesco Franco
Giuliano Russo
João Amador
Luís Brites Pereira
Luís Filipe Lages
Maria do Carmo Seabra
Miguel Lebre de Freitas
Miguel Pina e Cunha
Pedro Neves
Pedro Vicente
Sofia F. Franco
Susana Peralta
Teresa Molina Millán
Victoire Girard

With a diversity of backgrounds and areas of expertise, NOVAFRICA resident members are the core of researchers affiliated with Nova SBE who collaborate in the implementation of NOVAFRICA activities.