Ações a serem tomadas após as missões nos EUA e Reino Unido

Comitê gestor do Capes/Print UFLA

Rafael Pio: Pró-Reitor de Pós-Graduação, coordenador institucional

Marcio Machado Ladeira: Pró-Reitor Adjunto de Pós-Graduação

Teodorico de Castro Ramalho: Pró-Reitor de Pesquisa

Antônio Chalfun Júnior: Diretor de Relações Internacionais

Mário Lúcio Vilela de Resende

Moacir Pasqual

Luiz Roberto Guimarães Guilherme

Shawn Donkin

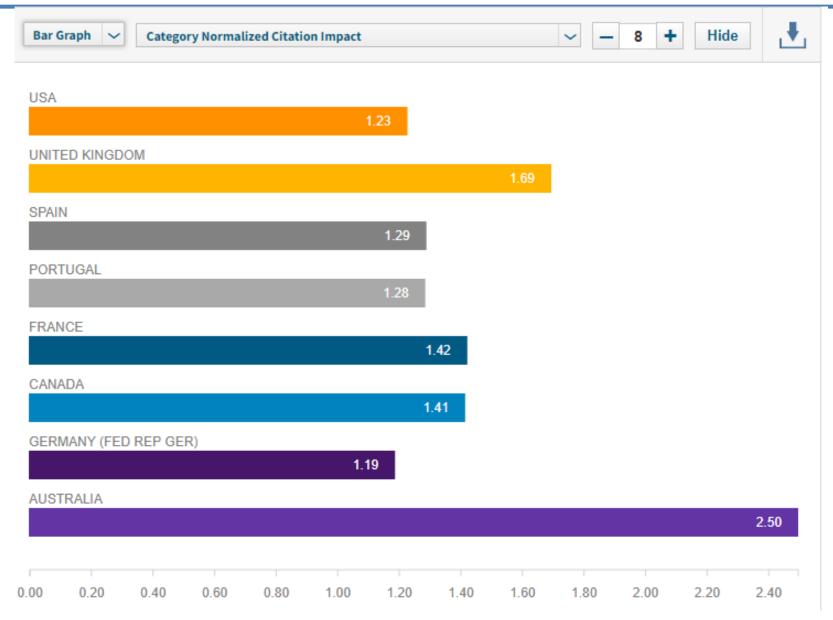






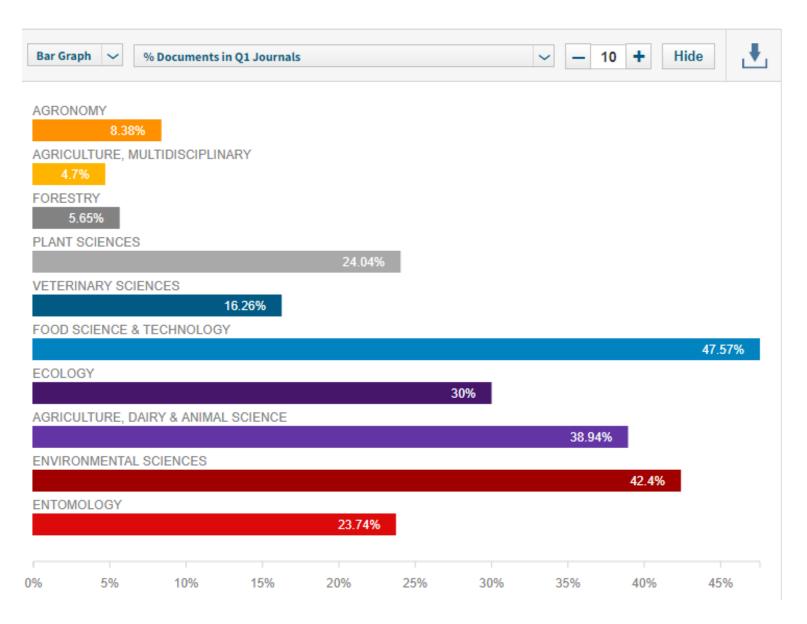
Fator de impacto normalizado em comparação com o mundo





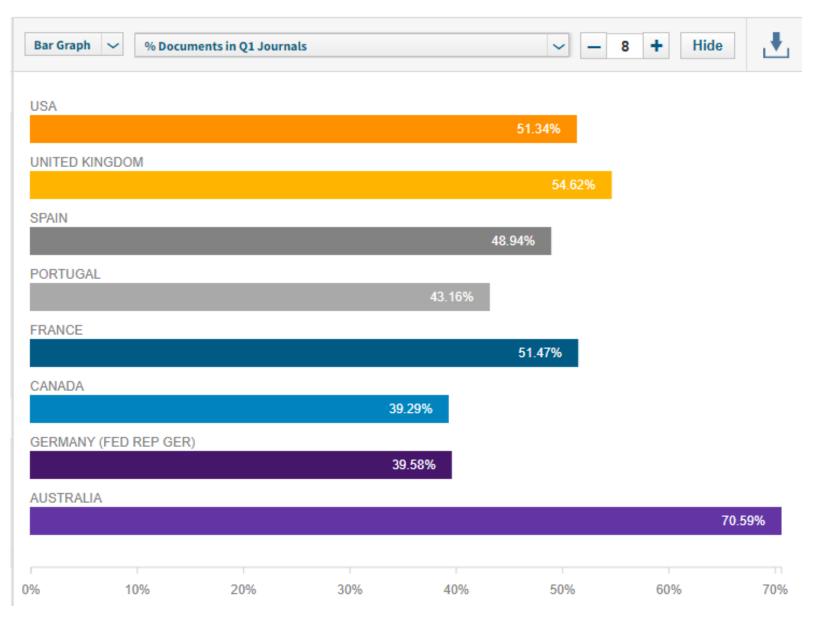
Fator de impacto normalizado com os principais países que a UFLA colabora





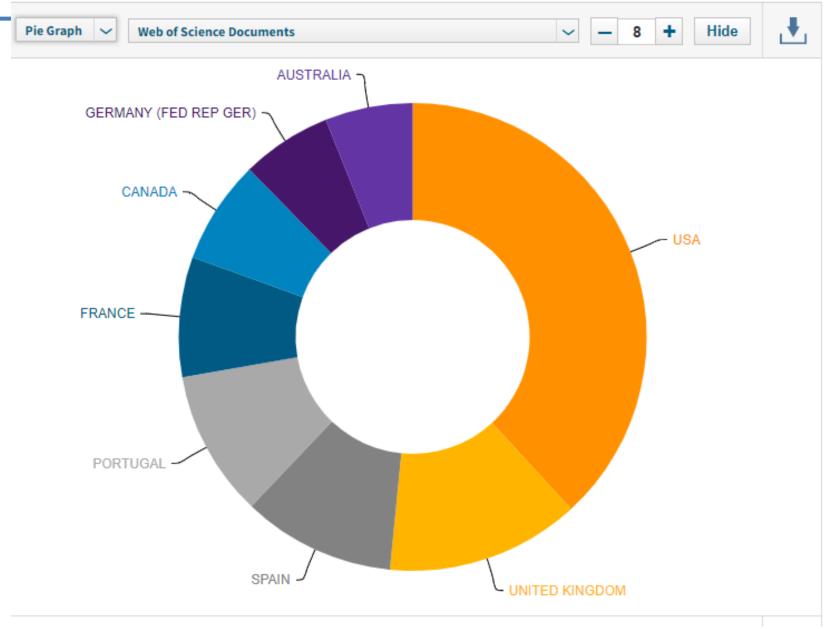
% artigos em Q1 journals (>50 artigos no período)



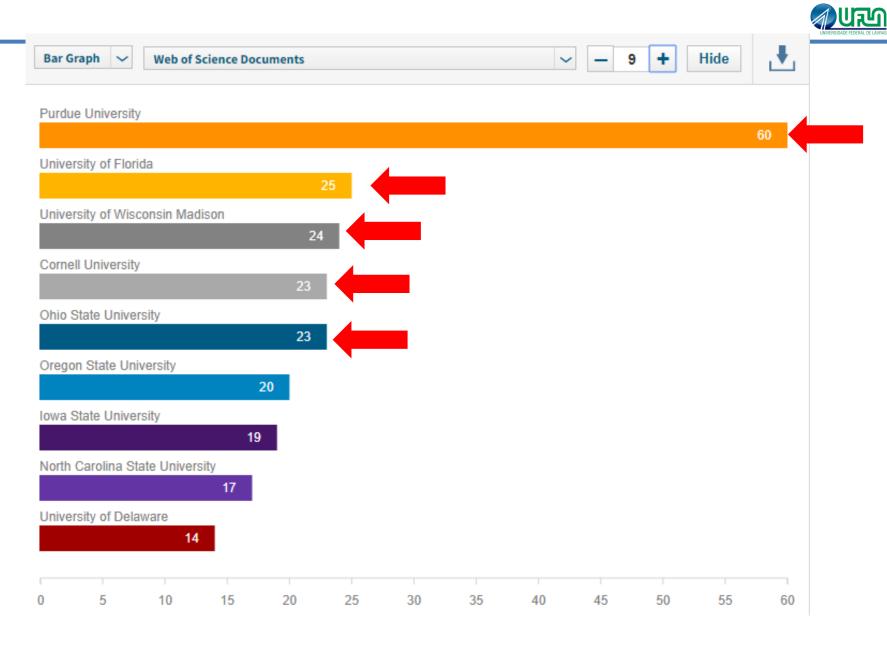


Porcentagem de artigos em Q1 de acordo com os países que a UFLA colabora



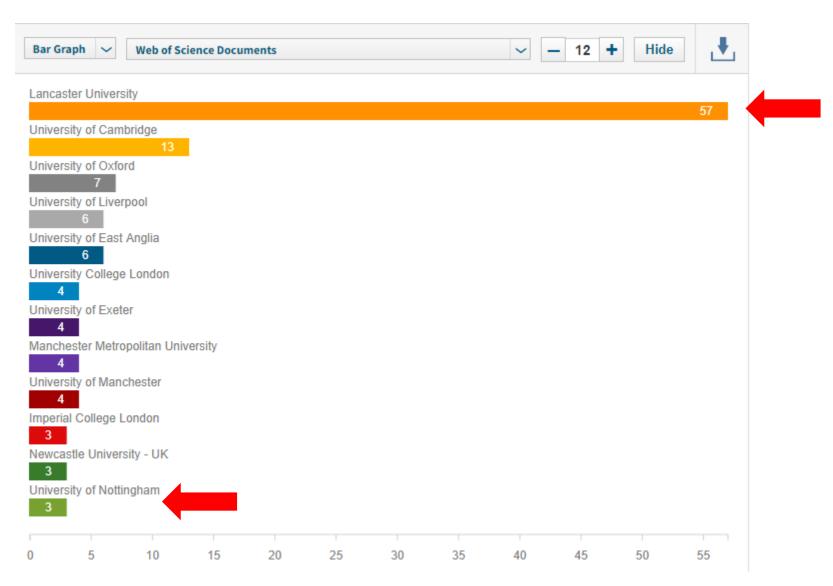


Principais países que a UFLA colabora (número de artigos entre 2010 – 2018)



Principais Universidades que a UFLA colabora nos EUA (número de artigos entre 2010 – 2018)





Principais Universidades que a UFLA colabora na Inglaterra (número de artigos entre 2010 – 2018)







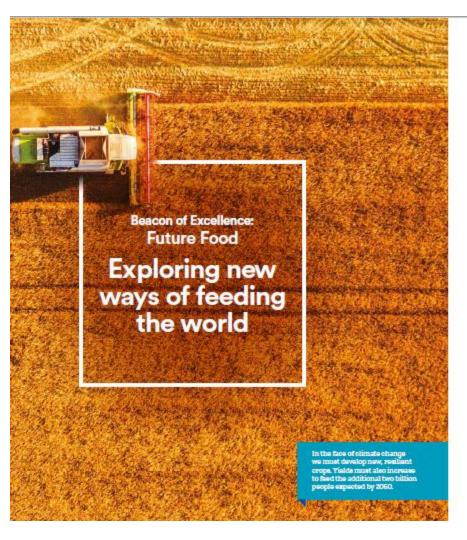




https://www.nottingham.ac.uk/research/beacons-of-excellence/future-food/future-food.aspx







Future Food addresses the challenge of feeding a growing population in a changing world.

In the face of climate change we must develop new, resilient crops. Yields must also increase to feed the additional two billion people expected by 2050. Better access to healthier, safer, more nutritious food is needed in all countries due the growing prevalence of pollutants, nutrient deficiencies and over-processed foods.

All these challenges must be met in sustainable ways that do not put additional strain on the planet.

Our researchers have expertise across the food chain – from molecule to meal – to deliver solutions to these global challenges.

Wawill

- Increase food diversity by introducing new crops and genetic variants to breeding programmes and agriculture
- Enhance resilience by improving the yield and quality of crops in the face of environmental challenges such as olimate change
- Improve nutrition by creating healthler foods, supporting innovation in food processing and raising understanding of the cholose made by consumers.

World-class science drives our approach across this food production to consumer pipelins. With the UK's biggest group of plant scientists, we identify crop and food-related targets for intervention and deliver plant and crops science to engineer such interventions. By ensuing delivery of the appropriate itechnology to the farmer, food industry and consumer our research well translate into activities to the challenge of feeding the world in healthler and more scatterable were.

Researchers at Nottingham have expertise across the food chain—from molecule to meal to deliver solutions to these global challenges.







Under the new University of Nottingham strategy for research, unique amongst UK institutions, a large investment (£16M) is now available. The Sutton Bonington campus has particular strengths in soils, animal production and crop quality, providing an integrated approach for the optimisation of the **soil – crop – livestock** system in a Brazilian context.

Soil Science: Nitrogen Use Efficiency (NUE) and reduce losses to the environment, and also to conserve and sequester carbon;

Animal Science: Beef and Dairy Cattle;

Vet Science: Livestock infectious diseases: Salmonella in poultry; Viral diseases of pigs, poultry and ruminants; (Professor Peter Mertens currently coordinates a large (€6,3M) H20:20)

Crop quality: use of grains to increase dietary bio-available mineral nutrients such as iron, zinc and selenium and use of biofuels.

Food Science: ABInBev Research Brewery





The Future Food Beacon i to support targeted activi population in a changing

The four schemes are:

- Doctoral/Post-Doctoral prize
- Future Food Fellow
- Partnership Fund
- Innovation Fund

If you would like to apply for any of thes application form and submit via the Futu

Future-Food@nottingham.ac.uk

Applications for all schemes will be asse Leadership Team. For the schemes that fur standard two page CV is submitted with the

It is expected that upon completion of any is sent to the Beacon highlighting whether achieved.

Future Food Fellow

This scheme covers both short term (one to three months) and longer term (three to 12 months) appointments aimed at clear deliverables that align with

Innovation Fund

These funds will be used to support large scale projects that align with the Future Food Beacon objectives and where a significant outcome is expected that will stimulate further work across the Beacon. The Beacon expects to fund projects up to £50,000 but will expect significant returns (papers submitted to high impact journals, research data to support grant submissions, further funding from industry partners to develop ideas).

Please indicate within the description of the proposal what will happen if the project isn't funded ie are there other sources of funding, internal or external, that could support the research?

Proposals that are approved will have a project code established within the Beacon for the applicant to conduct the research outlined in the proposal.

Click here to download the application form.

employing institution or the funds can be held in a Beacon account for the researcher to purchase consumables, services etc.

Applicants should attach a two-page CV with the application.





The University of Nottingham with 5 faculties, over 1500 academics and > 39,000 students is in the **top 75 of the QS World University ranking**. As the number one for number of collaborative research grants within the Russell group, with two Nobel prize-winners and two international campuses (China and Malaysia) it possesses quality standards among the best in the world. 90% of all the research at the University of Nottingham was classified to be of 'International standard' and 60% as 'world-leading' or 'internationally excellent'.





Zootecnia, Fitotecnia e Solos: gases de efeito estufa na agricultura (sequestro de carbono): Nick tem um fundo de 3 milhões de libras;

Solos e Entomologia: impacto e segurança da produção agrícola

Genética e Melhoramento de Plantas: melhoria de variedades utilizando parâmetros fisiológicos.







Fitopatologia: uso de ômicas e sequenciamento e doenças;

Veterinária: uso de substâncias voláteis para o desenvolvimento de produtos e pesquisas com carrapato;

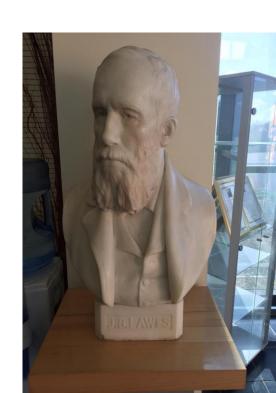
Agroquímica: desenvolvimento de fármacos;

Entomologia: estudos com resistência a defensivos

agrícolas

Zootecnia: pesquisas com alterações na expressão de genes em forrageiras tropicais para aumentar a digestibilidade ou concentração lipídica

Genética e Melhoramento de Plantas: melhoramento de forrageiras.





Cotas de Doutorado sanduíche: total de 84 cotas

- √ 4 cotas programas 5 e
- √ 8 cotas programas 5+, 6 e 7
- √ 33 em 2019: 2 bolsas programas 5 e 3 bolsas programas 5+, 6 e 7;
- √ 30 em 2020: 1 bolsas programas 5 e 3 bolsas programas 5+, 6 e 7; e
- ✓ 21 em 2021: 1 bolsas programas 5 e 2 bolsas programas 5+, 6 e 7.



