

The world beyond 2015 Is higher education ready?

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The Association of Commonwealth Universities

- 1913-present: oldest international university network
- Projects, awards/scholarship administration, networks, events
- Focus on higher education and its impact on development



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The Millennium Development Goals, 2000-2015

- To eradicate extreme poverty and hunger
- To achieve universal primary education
- To promote gender equality and empowering women
- To reduce child mortality rates
- To improve maternal health
- To combat HIV/AIDS, malaria, and other diseases
- To ensure environmental sustainability
- To develop a global partnership for development



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Higher education: addressing development & global challenges

Catalyst? Facilitator?
Trouble-shooter?
Producer? Vehicle?
Supporter? Inventor?
Leader?



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The provisional framework for the Post-2015 development agenda

... as outlined in the Report of the High-Level Panel of Eminent Persons on the Post-2015 Development Agenda



5. Forge a new global partnership



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Higher Education and the Post-2015 Agenda: how do we contribute as higher education institutions?



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The Association of Commonwealth

Universities

The six questions

1. Why does the Post-2015 agenda matter for higher education

- 2. How are universities already addressing local, national, and international issues
- 3. How can universities prepare to respond to the Post-2015 agenda



- 5. How can universities champion their contributions to wider society 💙
- 6. How relevant and realistic are the Post-2015 goals likely to be 🥐





substantial. This is for several obvious reasons and perhaps some less obvious ones. The more obvious reason is that higher education institutions are the places where nearly all of our market, civil society and political leadership will learn to read the world. Dramatically more globally relevant curricula are needed in all of our nations if our students are to be able to play the kind of roles that are needed to take on the many grand challenges and critical social, environmental, cultural, health and economic. Higher education institutions which have been seduced, prodded and enticed by the market over the past 30 years in a desire to create the flexible skilled labour force of the global assembly line are once again asking questions of the social. The growth of inequality in all our countries along with

Related Submissions

Region:

 Moving from community engagement to community partnership

2. How are universities already addressing local, national, and international issues

Universities are central to any sustainable effort to develop social and economic wellbeing. Often, however, the breadth and depth of their contribution is not adequately recognised. In what ways are universities already addressing local, national, and international developmental issues?

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They are not

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Go8 universities assist in the global fight against malaria

Mr Ian McMahon. The Group of Eight (Go8)

Posted on 08/10/2013

fMt



Go8 universities are well-placed to support the Post-2015 development agenda with quality education and resear Given below are two examples of research being undertaken at Go8 universities to assist in the fight against mala

Constructing a new weapon against malaria

Because malaria is not currently endemic to Australia, we tend to forget what a devastating disease it is. But for Dr Sheena McGowan, malaria remains front and centre.

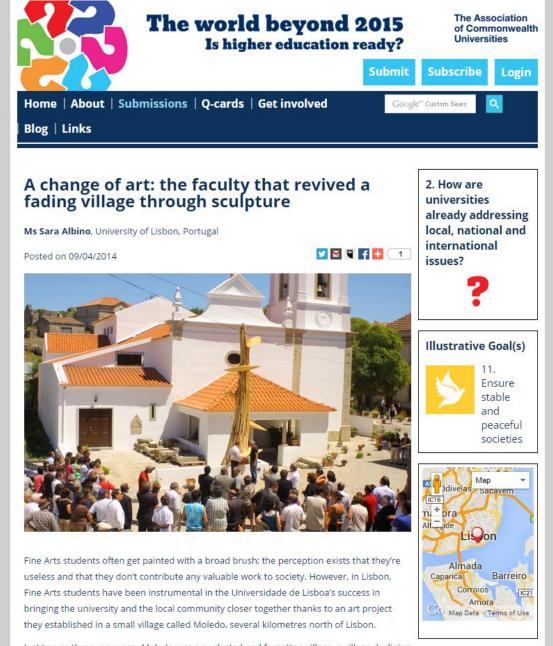
The Australian Research Council (ARC) Future Fellow and Monash University structural biologist is excited about t prospects for three proteins whose structures she is unravelling. Dr McGowan thinks they may form the basis of a new generation of therapeutic drugs to be used against the malaria parasite.

As a researcher, Dr McGowan is unusual in that, as soon as she finished her PhD in microbiology, she switched to biochemistry—more specifically, structural biology. "I wanted to know what things looked like, how they worked." In the world of microbiology, that inevitably leads to protein structures.

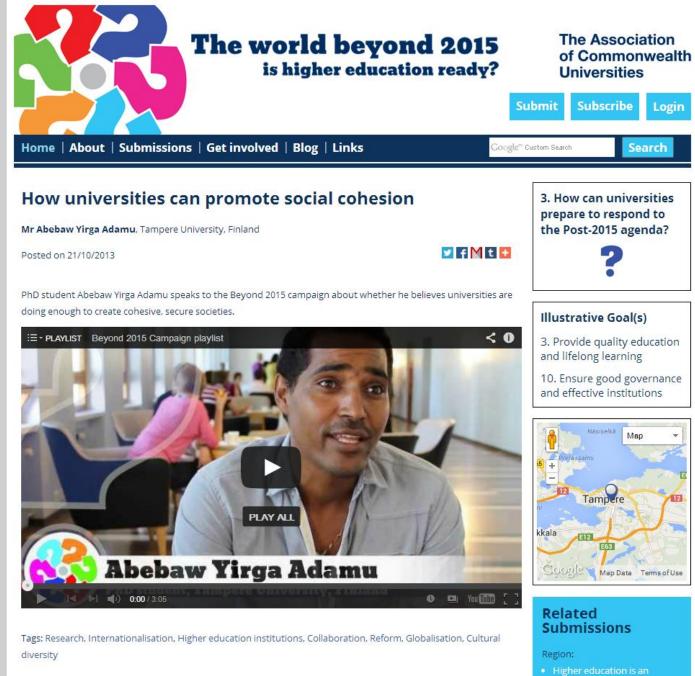
"My discipline change was a little unusual, but I believe it makes me look at a bigger picture. I can go back and see what a protein structure means in terms of the bug that causes disease. I'm very grounded in context."

The Future Fellowship has allowed Dr McGowan to 'go out on her own'. "For me, the Future Fellowship created m independent laboratory. That was the salary I needed. And the money for consumables that went with it basically allowed me to set up my lab, to pay the bills for the students I wanted to get in and the experiments we were doir

Dr McGowan has had a long-term interest in proteases, the enzymes that break down proteins. "They are like Pac and essential to all aspects of life."



Just two or three years ago, Moledo was a neglected and forgotten village, a village declining into ruin. The feeling was that there was a growing lack of respect for local traditions and the local architecture leading to general discontent about the way the village was changing for the worse. To compound matters, traditional structures – built many years ago in the regional style but now dilapidated – were being knocked down and new buildings were Region:



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integral part of development

Facing the future: public



than 25 years working for international NGOs. During my time with NGOs I had a number of experiences engaging with universities on joint research, teaching, writing and conference and workshop organisation. In my role at La Trobe I am working with development agencies, NGOs and their staff in similar areas. What I have to say is therefore Universities with a commitment to social change can shape the Post-2015 agenda



A professor once remarked that he had the privilege to be paid to think. The question remains what is the impact of all his thinking? Universities must contribute to local and global development in various disciplines and at different level of societal and institutional activity. The contributions through teaching, research and engagement must have an impact on society in order for institutions to justify their existence and the high levels of investment. As public funding declines in many countries and third stream income increases, new institutional and management structures are slowly coming into existence. There are new masters in the autonomous academic arena and market realities start to dictate more. Return on investment questions are being asked more.

Higher education remains the privilege of few in many countries. Even when massification strategies are implemented, the harsh realities of throughput, graduation and employability rates are never really fully disclosed. The basic and further education systems, however, form the foundation upon which strong higher education institutions are built. If basic education and healthcare systems are not of good standard, the role of universities in such countries becomes even more important. Universities should be able to offer objective feedback or at least ask the relevant questions to establish why policies, systems and institutions are failing.

Higher education must contribute to poverty and disease reduction, it must help protect and develop natural resources, it must help protect and develop cultural resources and it must add to the innovation basket through patents, products, systems and practices. Knowledge generation, sharing and communication in a global society requires a whole new system not only of knowledge transfer but also knowledge management in general. The role of universities to protect the public against false and poor quality (academically sound) information is becoming more important. This begs the question about how universities share what they do and how their activities impact on society beyond reports on graduation rates and research publication records. University communication and public relations departments must be able to take the academic project and create a story for public consumption beyond launches and academic achievements. Universities should be rich in teaching, research and engagement stories, unless relevance can be questioned.

The gap between the rich and poor continues to grow, there are growing skills shortages and schooling systems in developed and developing countries are experiencing new challenges linked to family and community structures and even communication technology advances. We need world class research universities, but we also need great teaching institutions as well as institutions that can be more responsive to certain community issues. The world economic map is changing and there are power shifts, but now more than ever we need partnerships, alliances and networks regionally and internationally to avoid costly mistakes in the interest of advancing a global development agenda.

Universities should be societal lighthouses and not ivory towers. If it exists to promote the interests of society it should consider how it communicates to the various publics and not only the holders of the purse strings. Its strategic goals must be clear so that the stories regarding achievements in realising those goals can also be clearly communicated. Good communicators should know how to explain complex issues in simple language. There are many stories to be told not just about teaching, research and engagement but also students and staff and the



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Universities UK asked its member institutions to showcase research projects which address people's concerns, as identified in the survey. Almost 90 universities responded with examples of the amazing research they are doing. The University of Liverpool is combating the global food shortage through the power of genomics. The University of Brighton is creating smart clothes which provide an early warning system for skin cancer risk. The University of Southampton has imagined a futuristic city full of AC Cobra electric cars running off batteries and the electricity grid. The University of Aberdeen is demonstrating how deep sea exploration can help make new medicines. The University of Bath is developing new materials for solar cell panels to make them cheaper, more efficient, and more environmentally sustainable. Birmingham City University has developed a 'vibrating suit' to correct human posture. Queen Mary, University of London is running a unique study teaching children about air pollution and, in turn, the children provide samples of cells and DNA to see how air quality is affecting their bodies. The University of Bolton is using early diagnosis tools to detect Alzheimer's disease before any symptoms become apparent. Plymouth ity is highlighting young people's developing attitudes to the interpet and the work peeded by gove

that universities should have an active role in communities. Young people were twice as keen as older people to see a reduction in the impact of climate change. And women were more concerned about safety on the internet, with 23%

citing it as the highest priority, compared to men (16%).

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Convening the conversation

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What do you think?







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