

Doctoral education in Africa

A review of doctoral student needs and existing initiatives to support doctoral training and research development

A needs analysis undertaken as part of the DocLinks project

By Jonathan Harle

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The Association of Commonwealth Universities
Woburn House
20-24 Tavistock Square
London WC1H 9HF
United Kingdom

Tel: +44 (0)20 7380 6700
Fax: +44 (0)20 7387 2655
Email: doclinks@acu.ac.uk
www.acu.ac.uk

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Introduction

The need to increase Africa's stock of PhD-qualified staff has featured prominently in many discussions and reports in recent years. While the importance of identifying, training and nurturing new cohorts of research and teaching staff across the continent is widely acknowledged, and has become the focus of a number of new programmes, supported by a range of organisations and funders internationally, it is often much less easy to assess the current level of support which exists. Particularly important is the scale and type of this support – while many schemes offer PhD fellowships, for example, many of these offer only partial funding. As part of the DocLinks project the ACU, with contributions from the African Academy of Sciences, UniPid and the Agence universitaire de la francophonie (AUF), undertook a review of existing schemes focused in full or in part on supporting African doctoral students. Capturing such information is always difficult, time-consuming, and it is liable to be out of date almost as soon as it is complete. It should not be treated as a comprehensive review, therefore, but as a snapshot of what was known to exist, and could be located, in early 2012. Given the parameters of the project, it concentrates on opportunities for study and work either in Africa or in Europe, but nevertheless includes details of other international funding schemes where known. Many universities offer their own scholarship schemes, often with the support of external donors. The study did not attempt to systematically capture these, however those which came to light during the review have been included as examples of the type of support or funding opportunities offered at this level. The full review is included as Appendix 1.¹

For the most part we have excluded general academic scholarships and fellowships which do not make specific provision for African (or developing country) students and researchers; this is not because African researchers are not eligible for these, but because to include them would falsely inflate the real level of support as relatively few of these awards are made to African researchers.

Doctoral study in African universities

The character of doctoral study in African universities, broadly speaking, is important to note. Being a doctoral student in Africa is likely to mean something quite different to being a doctoral student in Europe: doctoral researchers are often already employed as a member of university academic staff, and undertake doctoral work part time, or in their own time, and the age profile is typically older than that of European doctoral students; this is certainly suggested anecdotally, and in South Africa the mean age of doctoral candidates was between 35 and 45, depending on their field of study.² In general terms there are two principal needs for doctoral support:

- Firstly, doctoral support is needed to upgrade the qualifications of existing university staff, many of whom hold master's degrees and are thus unable to teach at postgraduate level (and may not be able to offer advanced teaching at undergraduate level).
- Secondly, doctoral support is needed to train new researchers, to expand the numbers of doctorally qualified researchers coming through the system (both to be retained in the higher education and research sector, and for other industries).

Master's versus doctoral support

When exploring funding opportunities currently available to African students, it is clear that much postgraduate level support is targeted at master's study, rather than doctoral research. Many funding schemes focus exclusively, or predominantly, on master's training; doctoral funding represents a relatively small part (in number of awards) of the overall scholarship portfolio. This is no great surprise, as funders can obviously make a greater number of awards at master's level than they can at doctoral level; every fully-funded doctoral award is probably the equivalent of around three master's awards, and thus support for three individuals. Doctoral awards also entail greater risk to the funder due to non-completion. There is also a very

¹ *The Compendium of Scholarship and Fellowship Opportunities and the Compendium of Funding Opportunities for Research, Education, and Development Projects in Africa* (2009) compiled by the World Fish Centre and IDRC list further sources of funding for which African students and researchers are eligible (including awards open to any international applicant).

http://web.idrc.ca/uploads/user-S/12640050321Fellowships_and_Scholarships_Compendium.pdf;

http://web.idrc.ca/uploads/user-S/12640048101Africa_Compendium.pdf

² Mouton, J. (2012) The state of doctoral education in Africa. Presentation at SARUA Leadership Dialogue, 14 March 2012

http://sun025.sun.ac.za/portal/page/portal/Arts/ADA/resources/SARUA_%2014%20March%202012_Doctoral%20training.pdf

considerable need and demand for master's level training across the continent. Furthermore, the objective of many development agencies – significant funders of postgraduate training in Africa – is to train and develop a cadre of professionals who will ultimately go on to work in policy and practice roles, and there is often less emphasis therefore on research training and the development of university capacity. However, the implication is that while there may be a reasonable level of support internationally for prospective African postgraduates, those wishing to study at doctoral level are likely to be relatively disadvantaged, and likely to struggle to access funding.

Who supports doctoral study?

Provision for African students involves both development agencies and research funding agencies. Development agencies tend to be more interested in supporting higher education and research to meet the needs of development policy and practice; where doctoral study is supported, it may emphasise development subjects or more applied research, with less support for basic science. Such funding tends to acknowledge research capacity and training needs in Africa, which may be different to those of students from other regions, and may thus balance capacity against 'research excellence', or ensure quotas for African or other development country students. On the other hand, national research agencies typically emphasise research excellence, with awards either open to students from any country, or targeting countries perceived to be of greater strategic research advantage to the host or funding country. African students must thus compete in an ever larger pool, and against candidates likely to have undertaken their earlier studies in better resourced institutions. In the discussion that follows we consider only those awards which explicit target African or developing country students as a result; other awards are however covered in the full appendix.

The character of a programme, and of a funding agency, are likely to influence the types of subjects funded. In broad terms, schemes operated by the bilateral donor agencies emphasise the relevance of subjects to national development needs in the home country, while schemes operated by science funding agencies do not make such stipulations. This tends to mean that there are relatively fewer awards in the humanities, or in social science and scientific fields with less obviously demonstrable links to development needs. Nevertheless, at doctoral level the distinctions do become more blurred, since by its very nature research at this level tends to require a strong foundation in basic disciplines. Agencies such as the DFID-funded Commonwealth Scholarships and the SIDA-funded International Science Programme, for example, both support postgraduate work in physical and natural sciences and in the social sciences and humanities.

The level and scale of support

Many doctoral awards advertised (and named as doctoral fellowships or similar) in fact provide only partial funding for research, fieldwork, or thesis-writing, often providing funding for 6 months or a year. While the existence of a number of large-scale, regional collaborative doctoral programmes suggests a reasonable level of support, fully funded places may only be available to a fraction of students enrolled, with participating universities responsible for securing funding to support most participants. While initiatives may be numerous, the actual funding pot is often much smaller. In some cases awards are specifically designed to support existing academic staff – often on a sandwich basis, or to provide time out to complete theses etc. – and who may have some part funding (as salaried staff) rather than being intended or appropriate for, full time students. However, whether for ordinary students or university staff, partial funding means that doctoral candidates must have other means to enable them to commence a PhD in the first instance.

There are thus considerable entry barriers to PhD study. The route for many prospective researchers is therefore to seek employment as a member of academic staff and embark on their PhD alongside teaching duties. Such a mode of PhD study is unlikely to enhance completion rates, and for those that do complete it is likely to take much longer to do so. Mouton refers to this as the ‘casualisation of doctoral studies’, and notes that this tends to lead to episodic study, non-cumulative learning and knowledge obsolescence by the point of completion.³

In general terms, there is considerable activity designed to support African students, but much of it is dispersed and relatively fragmented, as a result of the many smaller schemes offering few awards. It is thus inevitable that, when trying to review levels of existing support, many schemes and awards are overlooked; there are no doubt many more examples of particular types of grant or award not captured here, but which might be familiar to someone within a specific discipline or field of research.

There are a handful of large, multi-discipline and multi-country scholarship and other schemes, but African students represent only a proportion of those supported via these awards. It is difficult as a result to get a sense of the overall degree of support, but it is almost certainly lower than the number of schemes and active agencies might suggest, and certainly relatively small in volume against the scale of the continent’s higher education sector and its needs.

From the funding schemes identified and reviewed below, it seems that African students pursuing PhD research either full-time, or as existing academic staff, are unlikely to access much support for conference or other travel. This is quite a critical gap, and is likely to place African researchers at a significant disadvantage compared to their academic peers, who are more likely to have been able to access travel grants as part of their studentship or from their university directly, and for whom it may not be unusual to have attended, or in some cases presented papers, at two or three major conferences during the course of their PhD research. Opportunities for developing academic networks and presenting papers no doubt arise during fellowship or scholarship periods abroad, but outside of this the mobility of doctoral researchers is likely to be relatively low.

Many awards are targeted at specific fields, with few offering general doctoral support. Notable schemes are discussed below; there are a range of other smaller schemes, or schemes within which African students are eligible but not the primary focus, captured in the detailed appendix.

³ Mouton

Collaborative and regional doctoral programmes

There are a number of regional collaborative programmes, which provide mechanisms for doctoral study on the continent, and across networks of universities, if not necessarily full funding to those who enrol. These include the well-established initiatives such as the **African Economic Research Consortium** (AERC) programme or those which have been developed in recent years, including the **Consortium for Advanced Research Training in Africa** (CARTA), and the **African Doctoral Academy** at the University of Stellenbosch.⁴

An important new feature on the African HE landscape, and particularly for postgraduate education, is the **Pan African University**, composed of a series of regional nodes. In East Africa, Jomo Kenyatta University of Agriculture and Technology will concentrate on basic sciences, technology and innovation; in West Africa, the University of Ibadan will concentrate on earth and life sciences; in Central Africa, the University of Yaoundé I will concentrate on social and human sciences and governance; the southern African campus is still contested, but South Africa has bid to host a node concentrating on space sciences (connected to its bid to host the Square Kilometre Array of radio telescopes); a north African campus will be hosted in Algeria. The Kenyan and Nigerian campuses will offer PhDs from 2012, and Cameroon's from 2013.⁵

The **East African Community** has also had discussions over the formal establishment and recognition of centres of excellence in order to support the development of greater scientific capacity and to deliver more effective training and education in the region. 19 institutions submitted proposals and were assessed in a recent round.⁶

The German HE cooperation agency **DAAD** also supports a number of collaborative PhD programmes, run in conjunction with individual German and African universities, such as the Ghanaian-German PhD programme in development studies at the University of Ghana, the Tanzania-German programme in law at Dar es Salaam, and the programme in development and criminal law at the University of the Western Cape (see below).⁷

The **Regional Initiative in Science and Education**, supported by funding from Carnegie Corporation of New York and managed by the US Science Initiative Group, has established five networks for training MSc and PhD scientists and engineers in materials science, natural products, biochemistry, water and marine science, via nodes in Botswana, Namibia, Kenya, Nigeria and South Africa.⁸

⁴ Many others exist at Master's level

⁵ www.pau-au.org

⁶ www.eac.int/education/index.php?option=com_content&view=article&id=58&Itemid=120; according to Research Africa, 8 August 2011 'East African Centres of Excellence proposal makes progress'

⁷ www.daad.de/fachzentren-afrika/en/10156/index.html

⁸ <http://sig.ias.edu/rise>

PhD scholarships

There are relatively few funding schemes which support African students to undertake doctoral study *within* Africa, and those that do exist offer relatively few awards each year. Some such schemes are run by African organisations, but some are supported by European agencies; DAAD is notable in this respect. By contrast many European or other donor schemes focus on providing support to study abroad. There is some logic to this, insofar as capacity constraints in some fields and within some countries, limit the types of research that can be undertaken at home or within the region, if the required laboratory facilities are lacking, or if power supplies are intermittent and thus particular experiments cannot be run.⁹

Recognising that capacity development in research often requires interventions at a number of levels (training individual researchers as well as strengthening the departmental and institutional basis for research, for example) many donor funded PhD grants are made within larger funding schemes. This is a strength, in capacity development terms, but also illustrates that for many students unattached to such an initiative, or studying in a university outside of the network, existing funding may be relatively hard to access.

As noted above, many funding schemes for doctoral study, while advertising themselves as 'PhD fellowships' or similar, in fact only provide partial funding for doctoral researchers, often for fieldwork or these work, and meaning that prospective doctoral researchers must have other sources of funding to support themselves.

Fully funded PhD scholarships or awards

Awards for study in African institutions

There are relatively few schemes which provide full funding for PhD awards which are tenable in an African institution, and many of those which do exist are only able to support a few students in a given academic year. Some schemes do not explicitly identify the number of awards offered to doctoral as opposed to master's candidates. Within Africa, we were able to identify 9 schemes supporting PhD study tenable at African institutions. Actual numbers of awards are hard to calculate, with many offering awards in the single digits. CARTA is notable for its 25 awards in public health, but the largest by far would appear to be DAAD which supports several hundred students a year – in addition to national funding programmes in Mauritius and South Africa.

The **Mwalimu Nyerere African Union Scheme** offers awards in a number of science and technology fields, with the 2010 call, restricted to postgraduates, included water sciences, energy sciences, climate change and education planning. However the numbers of doctoral level awards to be made is unclear.

In economics, the **African Economic Research Consortium (AERC)** offers scholarships to a limited number of those securing a place on its Collaborative PhD Programme in Economics (which admits around 20 students each year).

The **African Regional Postgraduate Programme in Insect Science** supports around six students each year.

The *L'Oréal-UNESCO Regional fellowships "For Women in Science" in Sub-Sahara Africa*, managed by the **African Network of Scientific and Technological Institutions (ANSTI)**, fund around 10 doctoral awards annually. ANSTI also manages a number of scholarships funded by DAAD.

The **Wellcome Trust's African Institutions Initiative** supports seven health research consortia, based in Africa but involving northern partners in each case. PhD scholarships are provided for within a number of these. A particularly notable initiative is the **Consortium for Advanced Research Training in Africa**, coordinated by the African Population Health Research Centre (APHRC), and focused on public and population health. Nine African universities are members of the consortium, in addition to four African research institutes and seven European/North American institutions. Around 25 fellowships were to be offered in 2012-2013.

In **Southern Africa**, the **Canon Collins Trust** supports students from the region to undertake doctoral studies in South Africa. The *Graça Machel Scholarships scheme* provides support specifically for women.

⁹ A number of funding bodies are supporting more master's awards for study within Africa, or are using split-site mechanisms where PhD capacity exists but where an overseas period is required at some point during the research.

The **Regional Initiative in Science and Education** supports students enrolled through its five research and training networks, with 67 PhD students reported to be funded in 2012.¹⁰

Of the European funders, **Germany's DAAD** is notable for its support for students to undertake all or part of their studies within Africa. DAAD has established a series of *Centres of Excellence for Teaching and Research* – these currently exist in Accra, Kinshasa, Dar es Salaam, Windhoek and Cape Town. In some instances these provide the location for a joint PhD programme to be run – these include the University of Ghana's Institute of Statistical, Social and Economic Research and the University of Bonn which run a joint PhD programme in development studies, while Tanzania's University of Dar es Salaam and the University of Bayreuth run a PhD in law. South Africa's University of the Western Cape and the University of Bochum run a PhD in development and criminal law. In addition to PhD (and master's) scholarships, the centres also serve as mechanisms for staff exchange, summer schools and curricula workshops (see below).

DAAD also offers *In-Country and In-Region Scholarships*, for African students to study within their home country, or at another institution within the region. These are tenable at number of institutions within the region. This includes selected universities in Ethiopia, Kenya, Namibia, South Africa, Sudan, Tanzania and Uganda. Around 800 postgraduate students are supported in this way each year, although numbers of PhD awards were not available. On a similar model, but specifically for work in natural products (chemical and life sciences) the *DAAD NAPRECA 3rd Country Fellowship Programme* enables African students to study in another African country; 5 scholarships are offered each year, although this includes master's and PhD awards. The *ANSTI-DAAD Postgraduate Fellowships*, open to students in institutions that are members of ANSTI (African Network of Scientific and Technological Institutions) run along the same model.

There are numerous smaller schemes, offering only a few awards each year. Examples include:

- The **African Wildlife Foundation's Charlotte Conservation Fellows program** supports around 6 postgraduates a year (only 2 were awarded for doctoral study in 2009-2010).
- In East Africa the **Inter-University Council for East Africa** administers the *Robert McNamara/EADB Graduate Scholarship in Development Studies*, providing three scholarships for students from Kenya, Tanzania or Uganda to study for a PhD in development studies at a university in the region.
- Similarly, the UK-based **Beit Trust** also provides a small number of awards each year for study in South Africa (as well as in the UK and Ireland; see below) for southern African students.

African governmental funding

It is difficult to identify funding provided by African national agencies for doctoral study. **Mauritius** and **South Africa** both advertise doctoral studentships to their own nationals which were readily identifiable online, but there are undoubtedly other countries which also provide support. In Mauritius the **Tertiary Education Commission** funds around 15 MPhil/PhD scholarships at its two public universities while South Africa's **National Research Foundation** manages scholarships under the *South African biosystematics initiative*, the *South African Nuclear Human Asset Research Programme* for nuclear energy research, the *Innovation Bursary Scheme* for doctoral studies in science, engineering and technology and in line with national research 'grand challenges', and under the *DST-NRF Centre of Excellence for Invasion Biology*.

Awards for study in European institutions

Many European countries run scholarship programmes for students from developing countries to undertake PhDs at European universities, although few have schemes or awards specifically for African scholars, or awards may only be offered via larger projects or targeted to specific universities, such as SIDA's block grants to individual institutions.¹¹ Because many schemes are open to students from any developing country, the level of funding for African doctoral students is often hard to ascertain. This review does not cover all doctoral funding schemes offered by a given country, as in practice many of these make few if any awards to African students.

- The **Austrian Partnership Programme in Higher Education and Research for Development** included some PhD scholarships as part of funded projects, and including candidates from Ethiopia,

¹⁰ www.scidev.net/en/science-and-innovation-policy/university-systems/news/african-science-initiative-rise-likely-to-expand.html

¹¹ The capacity building rationale for this mode of funding is strong, and reflects a concerted effort to strengthen research in specific locations, we simply note that a considerable amount of PhD funding is pre-allocated and there is thus relatively less 'unrestricted' funding available to other students.

Uganda, Kenya, Mozambique, Cape Verde, Burkina Faso, and Senegal. 64 scholarships were funded between 2010 and 2014 through this scheme.

- The **Danish International Development Agency** includes provision for PhD scholarships within its larger Development Research Grants – collaborative projects between Danish and developing country institutions – and some further PhD awards are made through the Danish government’s scholarship programme, although open to all non-EU nationals, and administered directly by Danish higher education institutions.
- All **Finnish** doctoral programmes are free of tuition fees, but while there are funding schemes for non-Finnish nationals, none of these explicitly target African students, or developing country students more widely; African students thus compete with all international candidates.
- Germany’s **DAAD** is very active in scholarship support, with a number of mechanisms to support developing country students. In addition to the ‘centres of excellence’ noted above, its *Inter-University Partnerships* (formal agreements between German and overseas institutions) include provision for PhD awards; in 2008, 530 partnership programmes were in place in Sub-Saharan Africa. Its *Conflict Studies and Management Programme* with the Willy Brandt School of Public Policy in Erfurt also provides PhD support.
- In the **Netherlands**, **NUFFIC** runs the *Netherlands Fellowship Programme* funds mid-career professionals from developing countries to undertake postgraduate study, including PhDs, at Dutch universities. Norway’s Quota Scheme supports around 800 students from developing countries each year, allocated to specific Norwegian institutions; this includes PhD provision, although other postgraduate awards are predominant.
- The **Swedish International Development Agency** (SIDA) provides its PhD support, for study at Swedish universities, directly to the universities which it supports via its ‘university cooperation’ block grants (including in recent years the National University of Rwanda, and the universities of Dar es Salaam, Eduardo Mondlane and Makerere). These are targeted at existing academic staff, as part of a process of staff development and upgrading.
- The **Commonwealth Scholarship Commission** in the UK, supported by the Department for International Development, funds scholarships at UK universities, with around 50 scholarships awarded to African students each year (across all disciplines). 48 PhDs were awarded in 2009-2010 (including split site awards).
- The **Dorothy Hodgkin Postgraduate Awards** also bring developing country students to the UK to undertake doctoral study; around 30 are awarded each year across all countries, thus numbers for African students are relatively low.
- The **Beit Trust** supports a small number of southern African students each year to study in the UK, Ireland or South Africa.

Awards for study at other international institutions

- In 2012 an additional 25 awards in agriculture were offered under the Mwalimu Nyerere scheme (see above) as part of the *Special University Lecturers PhD Fellowship Program*, a collaborative arrangement between the African Union and the **Government of India**, and for African students to study at Indian institutions.
- The **Canadian International Development Agency** (CIDA)’s *Francophonie Scholarship Programme* funds students from Francophone Africa (and other Francophone developing countries) to undertake postgraduate study (including PhDs) in Canada.
- **New Zealand’s Commonwealth Scholarships** support developing country students to study in New Zealand.
- The **International Development Research Centre’s** Southern International Fellowship Programme support developing country students for full PhD scholarships, as well as for other study grants.
- In a similar mechanism to SIDA and the Wellcome Trust, the **WHO** includes PhD grants within the institutional grants awarded through the *Special Programme for Research and Training in Tropical Diseases (TDR)*.

- The *Postgraduate Fellowship Programme* of the **Academy of Sciences for the Developing World (TWAS)** enables students from one developing country to study in another developing or emerging country, in the natural and physical sciences. There are currently some 11 separate schemes; in addition to Kenya, awards are currently hosted in Pakistan, Brazil, India, China, Malaysia, and Mexico. TWAS also manages a scheme specifically for women from Sub-Saharan Africa or other developing countries – the *OWSD Postgraduate Training Fellowships* – for students who wish to pursue postgraduate training in a field of the natural sciences.
- In fields related to economic development, the **World Bank** administered *Joint Japan/World Bank Graduate Scholarship Programme* offers scholarships to students from Bank member countries.

Funding offered by individual universities and research centres

Individual universities across the world offer PhD scholarships, sometimes in partnership with other funding bodies (and thus there is sometimes a risk of double counting) and often in very small numbers. Nevertheless, at an aggregate level this support is no doubt significant. A very cursory search run on Research Africa revealed very few university offered awards in Africa (and open to students/staff from outside the institution) – namely scholarships at the universities of the Witwatersrand and Pretoria¹² – while in the UK there are a clutch of doctoral awards offered at individual universities, including schemes at Oxford (including the Rhodes Scholarships), Edinburgh and the School of Oriental and African Studies amongst others. Sweden’s Uppsala University and Switzerland’s North-South Centre in Zurich also both offer awards. There will be many others at universities across Europe, North America and elsewhere; however the difficulty in locating these, including through a search mechanism such as Research Africa, suggests how hard it might be for a prospective student to identify what they may be eligible for.

Part-funded PhD scholarships or awards

Partial funding, for field work or thesis work, is offered by a number of funding agencies as a means of supporting African students to either undertake or complete doctoral work (in the latter case where they need to ‘buy’ some time out of other duties or to speed up completion). Some partial awards are in the form of split-site scholarships discussed above – for example, the split-site awards offered by the UK Commonwealth Scholarship Commission provide 12 months funding. Most awards are for periods of 12 months or less, and

Awards for study in African institutions

There are relatively few examples of part funding for PhD work offered by African institutions. This review revealed only four instances.

- The **African Climate Change Fellowship Programme**, funded by Canada’s IDRC and managed by the START and the Institute of Resource Assessment (IRA) at the University of Dar es Salaam, follows the same model. Seven doctoral researchers are being supported at present.
- The **African Economics Research Consortium** (AERC) provides a number of thesis awards for students registered at universities within its consortium.
- The **African Population Health Research Centre** (APHRC) runs the African Doctoral Dissertation Research Fellowship in partnership with Ford and IDRC, with awards made to students within two years of completing their doctoral thesis. In some cases, home departments also receive ‘facilitation grants’ to enhance supervision.
- The **Council for Development of Social Science Research in Africa** (CODESRIA) also offers a series of competitive thesis grants, open to doctoral students at any African institution.

Awards for study in European institutions

We identified relatively few part-funded awards in Europe, however, it is worth noting that split-site or sandwich awards offered by agencies such as the **Commonwealth Scholarship Commission in the UK** (see above) are often of this type – part funding for 12 months of a doctoral project, and to cover a period spent in an overseas host institution.

¹² This is likely to have been an imperfect search, as many individual universities may not advertise their awards in this way, particularly where they are designed to support existing staff and students.

- The **Swedish Institute** offers 6-12 month fellowships to developing country researchers.
- The **Swiss National Science Foundation**, through the NCCR¹³ North-South, makes provision for doctoral support within wider collaborative projects.
- The **Finnish Government Scholarship Pool** provides for 3-9 month doctoral fellowships, although Namibia is the only Sub-Saharan country to benefit at present. **The Ministry for Foreign Affairs of Finland** supports developing country students to spend a period at a Finnish university through the *North-South-South Programme*.
- Researchers from Egypt and South Africa are eligible for doctoral and postdoctoral fellowships from the **Research Council of Norway**.
- South African researchers are supported under the **South African-Norwegian programme for Research Co-operation**.

Awards for study in other international institutions

- In the humanities, the **American Council of Learned Societies' Humanities Fellowship Programme** (funded by the Carnegie Corporation) is notable for its focus on enabling African researchers to take time to complete dissertations or undertake postdoctoral writing, with around 40 awarded each year to researchers from five African countries.
- The US **Social Science Research Council (SSRC)**'s *Next Generation Social Sciences in Africa programme* (also Carnegie funded) supports doctoral thesis research in peace, security and development.
- The **American Society for Microbiology's International Fellowships** support young researchers from Africa (as well as Asia, Latin America and the Caribbean), either early career researchers, or those currently undertaking master's or PhD study.
- The **International Development Research Centre (IDRC)** offers awards to support thesis fieldwork in developing countries, with schemes focused on climate change and water and cropping systems. Other awards enable developing country students enrolled on a Canadian doctoral programme to undertake field research. The IDRC's *Southern International Fellowship Programme* includes a range of study grants including field research costs, and provides additional support and training for research methods and to enable students to get their work published.
- Both the **United Nations University** and the **World Bank Institute** offer doctoral fellowships for study respectively at UNU in Japan, and in science and technology fields, or at a renowned research centre on development related themes.
- Specialist schemes include that of the **Organisation for the Prohibition of Chemical Weapons**, which supports fellowships on the peaceful applications of chemistry at advanced laboratories.
- Awards offered by individual universities or centres include those of the **Nordic Africa Institute**, the **Abdul Salam International Centre for Theoretical Physics**, and the **International Centre for Chemical and Biological Sciences** (Pakistan).

Split-site or sandwich mode scholarships

The terms split-site or sandwich mode are often used interchangeably, but there are often important differences, specifically whether the degree is awarded by the home or host university, how much time is spent in each location, and how much funding is provided – some awards are fully funded, while others may fund only the portion spent abroad. In addition, 'true' split-site awards are increasingly blurred with 'standard' awards where students return to their home country for a substantial piece of fieldwork.¹⁴ All of the awards below provide provision for time to be spent in another country

¹³ National Centre of Competence in Research

¹⁴ For example, while the CSC offers split site awards which make specific provision for periods in both the UK and the home country, many students on full-time UK awards will spend significant fieldwork periods conducting research at home.

- In Belgium, the *International Courses Programme* of the **Flemish Inter-University Council** (VLIR-UOS) provides 10 split-site scholarships each year for graduates from its master's programme; these are open to students from all developing countries, however, with no specific provision for Africa. Similarly, the Belgian Development Agency provides 16 months funding (divided across four stays in Belgium over up to four years)
- France's **Research Institute for Development** awards PhD scholarships through its Department for Capacity Building Support, and within a north/south collaborative arrangement, where the candidate spends time in both host and home country.
- Similarly, **DAAD** offers research grants for doctoral where PhD students undertake part of their study and research in Germany and part in their home country. The degree is awarded by the home institution, but students receive continuous supervision from Germany.
- In the UK, the DFID-funded **Commonwealth Scholarship Commission** has a split-site mode for PhD funding, through which candidates registered at their home university can undertake up to 12 months of work at a UK university.
- Sweden's **International Science Programme**, managed by Uppsala University, also makes provision for some sandwich mode postgraduate training.

PhD entry support

For many prospective doctoral researchers it proves difficult to move from their master's into doctoral study because of the investment in time needed to develop a robust PhD proposal. A few funders have recognised this through the provision of specific grants designed to facilitate PhD entry. Examples include the **Future Agricultures Consortium**, which offers Africa and UK based pre- and post-doctoral fellowships, designed to support PhD preparatory work, as well as for work following a PhD, and **SANPAD** (South Africa-Netherlands Research Programme on Alternatives in Development), which until 2013 included a one-year fast-track programme designed to prepare students for PhD entry.

Residential training schools and workshops

A number of residential training schools and workshops were identified; there are undoubtedly many more, organised by disciplinary and research networks, or by individual universities and research centres. Noted below are those which were either specifically targeted at African students, or made particular provision in the form of grants to enable African students to attend.

- The **AERC** runs methodology workshops in economics for researchers sponsored through its programmes.
- The **African School of Fundamental Physics and its Application** is organised every second year in Africa, with the first taking place in 2010 in Stellenbosch, and the second scheduled for Kumasi, Ghana in 2012.
- The **CARTA** programme has an annual 'joint advanced seminar' which aims to equip a cohort of doctoral with strong conceptual, technical, analytical, writing, leadership and professional skills.
- In South Africa, and targeting the social sciences, the University of Stellenbosch also runs residential schools in January and July on research methods and social theory through its **African Doctoral Academy**. These are unsponsored, but fees are subsidised.
- In Finland, the **Institute for Human Rights** at Åbo Akademi University organises two-week courses in human rights law with a limited number of scholarships available for students from Africa, Asia and Latin America.
- In Norway, the **Bergen Summer Research School** offers a limited number of scholarships to students and early career researchers in developing countries. The School addresses 'global development challenges' with a different theme each year.
- **CODESRIA** runs a programme of Research Training Workshops and Sub-Regional Methodology Workshops for social scientists.

- **OSSREA** runs a Research Methodology Institute for researchers in east and southern Africa, again for social scientists.
- The French **IRD** (Institut de recherche pour le développement) has run methodological workshops in East Kenya, for social sciences and humanities researchers, since 2006

Other forms of training and support

A number of other ad-hoc or regular training workshops, courses and other forms of support are also provided by a number of research and funding agencies, although much of this is small-scale, and provision relative to need, from what was identified with this study, appears to be quite slim.

- In addition to the various forms of training already listed, **CARTA** runs technical workshops on theoretical, analytical and methodological developments in population and public health research, and offers short courses to its grantees in supervision, library support, grant-writing, and research management.
- INASP's **AuthorAid** programme is notable in its use of online support, providing a website of resources, an online discussion space for advice, and a facility to enable researchers to identify a mentor to assist them in publishing their work, or to advise them as they formulate research or develop grant proposals. Training workshops on scientific writing are also run internationally.

Appendix 1 Existing support for African doctoral students

The following information is organised by the type of opportunity, and then by country. Fully funded PhD scholarships and partially-funded PhD scholarships are thus presented separately to distinguish levels of funding available. Funding and opportunities are then further organised by region and agency – e.g. those funded by African agencies are distinguished from those supported by European funders, and those offered by individual higher education institutions are also presented separately. This is far from a comprehensive list and represents simply what is currently known to the compilers, or that could be gathered through limited desk based research in early 2012.

The *Compendium of Scholarship and Fellowship Opportunities* and the *Compendium of Funding Opportunities for Research, Education, and Development Projects in Africa* (2009) compiled by the World Fish Centre and IDRC list further sources of funding for which African students and researchers are eligible (including awards open to any international applicant).¹⁵

The information presented here on scholarships and support offered by individual institutions is particularly incomplete and at present simply includes opportunities which were uncovered during initial desk research, or were already known. They are included as examples at this stage, and so as not to overlook the important (if small scale) activity at the level of individual universities and centres.

Contents

- PhD scholarships: full funding
- PhD scholarships: partial funding
- Thesis writing grant / scholarship
- Fieldwork grants
- Residential schools / workshops
- Other forms of training
- Postdoctoral / re-integration grants

Under each category, information is ordered as follows:

- Donor & Funding Agencies – Africa; African national agencies; Europe (EU); Europe (outside EU); Other International;
- Individual Research Centres & Universities – Africa; Europe (EU); Europe (outside EU); Other International

Entries marked * are targeted specifically at African students; entries marked † are targeted at (but may not be exclusively for) students from developing countries

¹⁵ http://web.idrc.ca/uploads/user-S/12640050321Fellowships_and_Scholarships_Compendium.pdf; http://web.idrc.ca/uploads/user-S/12640048101Africa_Compendium.pdf

PHD SCHOLARSHIPS: FULL FUNDING

DONOR & FUNDING AGENCIES

For study in Africa

<p>*African Union</p>	<p>The Mwalimu Nyerere African Union Scholarship Scheme is designed to enable young Africans to study in leading African universities and higher education institutions, in the areas of science and technology, with a binding agreement that beneficiaries will work in any African country for at least 2 years after graduation. Both undergraduate and postgraduate awards are made through the scheme, with around 250 awards expected annually. The scholarship covers all fees related to tuition and examination, return transport from home town to the university, and a modest subsistence allowance. The 2010 call included water sciences, energy sciences, climate change and education planning. In 2013 the call was for awards at Indian universities (see below). www.au.int/en/dp/hrst/nyerere</p>
<p>*AERC – African Economic Research Consortium</p>	<p>Collaborative PhD Programme in Economics – PhD Fellowships. AERC offers a limited number of fellowships granted each year to students seeking to pursue a career in economic management, research and/or teaching at a public institution in sub-Saharan Africa. Priority is accorded to candidates who are on staff development in the Collaborative Master's Programme. Four universities are eligible to host doctoral students under the collaborative programme (Cape Town, Dar es Salaam, Ibadan and Yaoundé II) and four others are also able to award, but not host degrees (Wits, Nairobi, Benin, Cocody). www.aercafrica.org/programmes/training_cpp_scholarships.asp</p>
<p>*African Regional Postgraduate Programme in Insect Science (ARPPIS)</p>	<p>Postgraduate Research Fellowships at the PhD level. The three-year ICIPE-based doctoral fellowship scheme enrolls an average of six research students annually, and releases an average of three (3) PhD graduates to the national research and educational systems every year. These new graduates continue to expand the pool of ARPPIS-trained arthropod scientists and help in promoting intra-regional cooperation among research organisations and universities throughout Africa. http://arppis.icipe.org/home/3.html?task=view</p>
<p>*African Network of Scientific and Technological Institutions (ANSTI)</p>	<p>L'Oréal-UNESCO Regional fellowships "For Women in Science" in Sub-Sahara Africa Each award enables a woman scientist, who is a national or permanent resident of Sub-Saharan Africa, to achieve a PhD in the fields of science, engineering and technology. Fellowships are worth up to \$20,000 each and up to 10 awards will be made. www.ansti.org/index.php/women-in-science-in-sub-saharan-africa</p>
<p>*African Population Health Research Centre (APHRC)- Consortium for Advanced Research Training in Africa (CARTA)</p>	<p>CARTA Doctoral Programme The aim of the programme is to strengthen doctoral training in public health and population studies. The programme is led by the African Population and Health Research Center and the University of the Witwatersrand. Members: Makerere University (Ug); Moi University (Ke); National University of Rwanda; Obafemi Awolowo University (Ng); University of Dar es Salaam (Tz); University of Ibadan (Ng); University of Malawi; University of Nairobi (Ke); Agincourt Health and Population Unit (SA); Ifakara Health Institute (Tz); KEMRI/Wellcome Trust Research Programme (Ke); WHO Special Programme for Training and Research in Tropical Diseases (TDR); Swiss Tropical Institute (CH); University of Colorado (U.S.); University of Warwick (UK); Canadian Coalition for Global Health Research; Monash University (Au); Johns Hopkins University (U.S.); Ongoing discussions with the Nordic School of Public Health, University of Umeå (Se). During the 2012/2013 academic year, the CARTA program is planning to offer up to 25 PhD fellowships. www.cart africa.org</p>

<p>*African Wildlife Foundation</p>	<p>Charlotte Conservation Fellows program. Funding is available for full MSc or partial PhD programmes with field research components that produce knowledge or insight into specific conservation challenges in the African Heartlands or conservation in general. The fellowship (3-6 awards) is worth up to \$25,000. Two PhD awards were made in 2009-10. www.awf.org/section/people/education/charlotte</p>
<p>*Canon Collins Trust</p>	<p>Southern African scholarships. Scholarships are for postgraduate study in South Africa in 2012. Funding is available for up to a maximum of one year for honours, two years for master's and three years for PhD. Awards generally range from ZAR 10,000 to ZAR 40,000. For nationals of (and must be resident in) Angola, Botswana, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, Zambia, Zimbabwe. www.canoncollins.org.uk/postgraduatesa.html</p> <p>Graça Machel Scholarships. Postgraduate study in South Africa for women. Full tuition, stipend, mentoring and other support for Honours, masters and PhD study at South African universities. Must be a national of and resident in one of the SADC countries: Angola, Botswana, DRC, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Swaziland, Tanzania, Zambia, Zimbabwe. www.canoncollins.org.uk/gracamachel.html</p>
<p>Carnegie Corporation of New York/Science Initiative Group</p>	<p>The Regional Initiative in Science and Education, supported by funding from Carnegie Corporation of New York and managed by the US Science Initiative Group, has established five networks for training MSc and PhD scientists and engineers in materials science, natural products, biochemistry, water and marine science, via nodes in Botswana, Namibia, Kenya, Nigeria and South Africa. http://sig.ias.edu/rise</p>

DAAD – German Academic Exchange Service

In-Country Scholarships / In-Region Scholarships. Supports the development of young staff members and particularly qualified students in development fields by undertaking study in their own country or within the region. The programme targets African students in order to pursue 2 –year Master’s or 3-year PhD degree courses. The scholarship is initially for 1 year, but has the possibility of being extended for a further 12-24 months. Tenable at a number of institutions within the region. This includes selected universities in Ethiopia, Kenya, Namibia, South Africa, Sudan, Tanzania, Uganda, and a number of networks. The programme supports approx. 800 African students per year (master’s & PhD). In 2009, 60 awards were granted in South Africa and up to 100 awards are being offered in South Africa for 2011. In 2008, 27 awards were granted in Uganda.
http://nairobi.daad.de/funding_for_studying_kenya_a.php

DAAD-NAPRECA 3rd Country Fellowship Program This fellowship began some 20 years ago, and offer support for postgraduate study in the broad area of natural products (chemical sciences and some areas of life sciences). Under this scheme a candidate from one African country can study in another African university. This program offers 5 scholarships per year. The scholarship is initially for 1 year, but has the possibility of being extended for a further 12-24 months. The NAPRECA office in the University of Nairobi invites applications yearly.
www.napreca.net/scholarships.php

ANSTI-DAAD Postgraduate Fellowships DAAD cooperates with ANSTI by offering a number of in-region scholarships for Masters and PhD degrees. The deadline for application is the 31st May 2012. Participants in the program must be from ANSTI member institutions and may not exceed the age limit of 36 years by date of nomination. Applicants may not apply for studies in their home countries. Fellowships, which cover fees, subsistence and international travel, are awarded to staff of ANSTI member institutions for postgraduate studies (MSc. or PhD) at African universities for staff development. Fellowships are awarded to sub-Saharan African nationals for studies outside the applicants’ home countries. The initial award of the fellowships covers one year. Extension is possible up to two years for Masters courses or more for PhD studies upon successful completion of previous year.

Centres of Excellence for Teaching and Research to Train Future Leaders in Sub-Saharan Africa Initiative. Aims to raise the quality and relevance of education in selected fields at African universities, with a particular emphasis on research capacity and networking between and among African and German universities. A range of DAAD ‘instruments’ may be employed including exchange of staff, Master’s/PhD scholarships, summer schools, curriculum workshops etc. There are 5 centres – two in Accra, one in Kinshasa, one in Dar es Salaam, one in Windhoek, two in Cape Town. One such project is the Ghanaian-German Centre for Development Studies and Health Research at the University of Ghana, Legon under which a joint PhD programme is being run between ISSER and Bonn. Others include the Tanzanian-German Centre for Postgraduate Studies in Law (Dar es Salaam and Bayreuth – 5 PhD awards in 2009), the Namibian-German Centre for Logistics (Polytechnic of Namibia and Bayreuth) and the South African-German Centre for Development Research and Criminal Law (Universities of the Western Cape, Bochum and Humboldt-Universität zu Berlin). Centres receive up to €500, 000 per year.
www.daad.de/fachzentren-afrika/en

<p>*International Livestock Research Institute (ILRI)</p>	<p>Graduate Fellowships. Intended primarily for national research and extension services (NARES) employees undertaking MSc or PhD studies and who have completed their BSc or MSc or equivalent degree. Awards are for a maximum of three years. For PhD awards university registration before the candidate joins ILRI is strongly preferred, but not essential requirement. The fellows are required to work on a project related to existing ILRI research protocols. Each fellow will have an ILRI supervisor and shall join the institute for a period of 6 to 36 months, depending on the nature of their research and their degree registration. ILRI provides financial support, supervision and research facilities for the period at the institute and also provides supervision and research support for students who come with external funding. Awards are competitive and the selection depends upon the student's academic excellence and their particular research interest. The size of the Graduate Fellow Program is limited by the availability of ILRI supervisors, research facilities and funding.</p> <p>www.ilri.org/Training_at_ILRI</p>
<p>*Inter-University Council for East Africa</p>	<p>Robert McNamara/EADB Graduate Scholarship in Development Studies. The programme offers three scholarships each year to citizens of Kenya, Tanzania and Uganda who wish to pursue studies leading to a Doctor of Philosophy degree in Development Studies in a recognized institution of higher learning in East Africa. The scholarship covers tuition fees, subsistence allowance, travel, and other related expenses.</p> <p>www.iucea.org/?jc=scholarships</p>
<p>*USEHPiA</p>	<p>Currently under review. <i>USHEPiA has been running since 1996, with 64 full degree awards made to date. 31 PhD students have graduated and under a joint study programme between a number of African universities built around co-supervision at University of Cape Town in South Africa.</i></p>
<p>For study in Africa – national agencies</p>	
<p>Mauritius</p>	
<p>*Mauritius Tertiary Education Commission</p>	<p>TEC makes provision for some 15 full-time MPhil/PhD Scholarships, 15 Part-time Bursaries, and 2 Postdoctoral Fellowships undertaken at the University of Mauritius and University of Technology, Mauritius. An awardee under the MPhil/PhD Postgraduate Scholarship is granted a period of 4 years to complete his PhD, that is two years for the MPhil and another two years for the PhD.</p> <p>http://tec.intnet.mu</p>

South Africa	
*National Research Foundation	<p>South African biosystematics initiative scholarships for doctoral studies. These enable South African citizens to undertake doctoral studies. Scholarships are worth ZAR 90,000 per year for up to three years. www.sassb.co.za</p> <p>Vrije University Amsterdam-NRF Desmond Tutu doctoral programme This enables South African citizens and permanent residents to pursue doctoral studies and obtain a doctoral degree from Vrije University Amsterdam while conducting their research in South Africa. Funding supports two economy return flights from South Africa to Amsterdam per year, accommodation and living allowance in Amsterdam for a maximum of two one-month visits per year and a scholarship worth up to ZAR 70,000 annually for a maximum of four years. www.nrf.ac.za</p> <p>Innovation Bursary Scheme. For South African citizens/permanent residents. Science, engineering and technology study areas aligned with national priorities and the DST's Grand Challenges. These will include but not limited to biotechnology, cellular and molecular biology, engineering disciplines, computing science, physics and astronomy, mathematical sciences, nanotechnology, chemistry, earth sciences, ecology and medical sciences. Doctoral students will receive ZAR 90,000 per annum for three years. In addition each student may access a maximum of ZAR 40,000 for international study visits or conference presentations, and up to ZAR 15,000 for local conference attendance within the three-year period. www.nrf.ac.za/funding_overview.php?fid=85</p> <p>South African Nuclear Human Asset Research Programme. Bursaries for Nuclear Energy. 5 PhD competitive bursaries available for successful students. PhD grant worth ZAR 100,000.00. www.nrf.ac.za/funding_overview.php?fid=72</p> <p>DST-NRF Centre of Excellence for Invasion Biology These provide scientific understanding to reduce the rate and impacts of biological invasions in South Africa. Funding for doctoral fellowships, tenable at the University of Stellenbosch, is worth ZAR 80,000 to cover tuition and living expenses, with an additional amount of ZAR 60,000 for project running costs. Funding is available for a duration of three years. http://academic.sun.ac.za/cib</p>
For study in Europe (EU)	
European Union	
European Commission – DG Research and Innovation	<p>EURAXESS- Marie Curie/People- Early Stage Researchers. Grants in the frame of Initial Training Network (ITN) or of Industry Academia Partnership and Pathways (IAPP) aimed to train future generations of researchers (in the first five years of their career) who are capable of contributing more to the economic development and to a knowledge society. It is intended to offer structured training in well-defined scientific and/or technological areas and also to contribute to the employability of the researcher in public and private sectors. http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearch</p>

<p>European Commission – DG Education and Culture</p>	<p>Erasmus Mundus Action 1: 34 Erasmus Mundus Joint Doctorates (EMJDs). These 34 Erasmus Mundus Joint Doctorates will be offering fellowships starting each academic year. Doctoral candidates should contact the consortium offering the Joint Doctorate for more information on courses and application procedures. Most consortia will require applications to be submitted between November and January of each year. http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/documents/34_emjd_final.pdf</p> <p>Erasmus Mundus Action 2. 9 partnerships between Europe and Africa (6 with North Africa, 2 with South Africa, 1 with Sub-Saharan Africa). These 9 partnerships will be offering fellowships starting each academic year. Doctoral candidates should contact the consortium offering the partnerships in order to require necessary information required for applications to be submitted. http://eacea.ec.europa.eu/erasmus_mundus/results_compendia/selected_projects_action_2_en.php</p>
<p>Austria</p>	
<p>†Austrian Development Agency</p>	<p>Austrian Partnership Programme in Higher Education & Research for Development. PhD support for 36 months of study were offered as a component of this wider scheme partnership scheme (within an earlier call) (scholarship grants are awarded within existing partnerships). Programme runs 2010-2014, financed by the Austrian Development Agency and managed by a consortium of the Austrian Agency for International Cooperation in Education and Research (OeAD) and the Austrian Latin America Institute (LAI). Participants come from the following countries in Africa: Ethiopia, Uganda, Kenya, Mozambique, Cape Verde, Burkina Faso, Senegal. 64 PhD scholarships were funded between 2010 and 2014 through this scheme. www.appear.at</p>
<p>Belgium</p>	
<p>†VLIR-UOS (Flemish Inter-University Council)</p>	<p>ICP – International Courses Programme PhD Programme. 10 PhD scholarships are offered each year to students graduating from the ICP Master's programme to continue into doctoral study. Split site/sandwich mode, with two thirds conducted at the home institution. 7 African scholars received awards in 2012. www.vliruos.be/index.php?language=EN&navid=527&direct_to=ICP_PhD_scholarships</p>
<p>Denmark</p>	
<p>†Danida – Danish International Development Agency</p>	<p>Development Research Projects – PhD Scholarships. PhD scholarships can be included within the Development Research Grants as part of wider research / collaborative project. 2010 themes were: Climate, Energy and Sustainable Use of Natural Resources; Agriculture, Growth and Sustainable Development; Fragile states, Conflict and Civil Society. Only Danish organisations can apply. www.dfcentre.com/?Research_Projects:Call_for_Applications_2010</p>
<p>Danish government scholarships for highly qualified non-EU/EEA students</p>	<p>Includes but not focused on PhD support. Scholarships are administered by the Danish higher education institutions, each of which decides which students will receive a scholarship.</p>

Finland	
All doctoral programmes in Finland are free of tuition fees.	
Finnish Cultural Foundation	Central Fund Grants. Full funding up to 3 years. Science grants are awarded for licentiate or doctorate studies, postgraduate scientific work, other postgraduate studies and research work. Only limited support is provided for meeting and lecture travel costs. The applicant is required to be accepted as a PhD student in one of the Finnish universities. The aim is to award a grant that is sufficient to carry out the proposed plan. The Finnish Cultural Foundation supports mainly personal full-time work that requires leave from employment. Grants may be sought to cover living costs for a fixed period. The amount of a whole-year grant is €21 000. For Doctors the whole-year grant for scientific work is €25 000. The grant includes statutory social security contributions and normal costs for travel, work equipment and a workroom. Personal grants intended for full-time work can also be sought for a period of three years. Grants from the Finnish Cultural Foundation are sought via the electronic grant application system; the period for applying is 1-31 October. www.skr.fi/default.asp?docId=12256
Ministry of Education and Culture	The four-year doctoral programme positions are intended for full-time work on a doctoral dissertation. Doctoral candidates are generally funded for the entire four-year term. From 2010, this system has included 104 doctoral programmes, of which many are available fully in English and the majority offers large part of the courses in English. Some of these are joint programmes between various Finnish universities, and the applicant may be required to be already accepted as a PhD student in one of the member institutions. www.studyinfinland.fi/study_options/study_programmes_database
Erasmus Mundus Joint Doctorates	Fully funded scholarships for up to 3 years for non EU/EEA nationals worth € 24-48,000. Currently one Finnish university, Aalto University, is involved, offering the SELECT+ (Environmental pathways for future energy services) four year doctoral programme. www.exploresselect.eu/SELECTPhD/tabid/1264/language/en-GB/Default.aspx
France	
†IRD – Research Institute for Development (France)	BSTD – PhD Grants Programme. PhD scholarships are offered through the Department for Capacity Building Support to scientific communities in the South (DSF) to support students from developing countries with thesis work within the framework of a partnership between research teams from the North and South. The ultimate goal is to help qualified young researchers to become established members of the scientific community in their home country, which would strengthen the research capacities of developing countries. The scholarship is for a maximum of 36 months (not renewable) and includes a monthly lump sum at the rate set by the host country, social security coverage and a return ticket, for thesis topics, alternating between the home country and abroad, with stays of at least 60 continuous days. Grants are not limited to any specific scientific areas other than the areas in which IRD is scientifically active. http://en.ird.fr/all-the-current-events/news/open-calls-new-ird-partner-team-jeune-equipe-associee-a-l-ird-jeai-and-phd-grants-programme-bstd

Germany	
†DAAD – German Academic Exchange Service	<p>Inter-University Partnerships. Formal agreements reached between a German and overseas higher education institution. Provide long-term exchange and cooperation measures, and enable PhD scholarships to be provided. In 2008, there were 530 partnership and university programmes in Sub-Saharan Africa, of which 187 in the focus countries; Ghana, 48; Kenya, 22; Mozambique, 1; Tanzania, 47 and Uganda, 69.</p> <p>www.daad.de/deutschland/foerderung/stipendiendatenbank/00462.en.html?detailid=6&fachrichtung=&land=64&status=&seite=1&overview=1&daad=1</p> <p>Conflict Studies and Management Programme. Funded by DAAD and hosted at Willy Brandt School of Public Policy in Erfurt. Aimed at Master's students, doctoral students and senior researchers (2 years research experience) with an interest in conflict management in research and practise. Fellows will have a teaching commitment at the Brandt School of generally 2 hours per week. The programme funds scholarships for 2-year Master's and 3-year PhD degree courses. Scholarships and fellowships are initially awarded for a maximum of 1 year, but has the possibility of being extended for a further 12-24 months.</p> <p>www.daad.de/deutschland/foerderung/ausschreibungen/11790.en.html</p>
Netherlands	
†NUFFIC – Netherlands Organisation for International Cooperation in Higher Education	<p>NFP – Netherlands Fellowship Programme – sub programmes for Master's and PhD. A sub-programme of the NFP (which is aimed at mid-career professionals, see FELLOWSHIPS section below)) provides support for Master's and PhD study. PhD degrees can be pursued at one of the 21 Dutch universities and institutes for international education, are worth €85,000 and fellowships can last up to four years. Master's fellowships last between 9 and 24 months.</p> <p>www.nuffic.nl/nederlandse-organisaties/services/capacity-building/nfp</p>
Norway	
†Norwegian Government	<p>Quota Scheme. The Norwegian government provides scholarships for students from developing countries and countries in Eastern Europe and Central Asia through the Quota Scheme. The objective of the scheme is to promote the internationalisation of higher education. Currently, the scheme provides full scholarships for a total of 1 100 students, of which 800 are from developing countries and 300 from Eastern Europe and Central Asia. Each year universities and university colleges in Norway are allocated a certain number of quota students. The scheme normally includes courses taught in English at Masters and Ph.D. level, in addition to certain professional degrees. In order to find out which courses are available under the scheme, students/researchers should contact the institutions directly. Each student receives the same amount of money as a Norwegian student would do in an equivalent educational programme. 40 per cent of the amount is given as a grant and 60 per cent as a loan. However, the loan portion may be waived when the student returns to his/her home country after completing the course of study. Normally, the financial support given will not exceed a time span of four years for one definite study plan or a combination of two programmes. Part-time studies are not supported. Some travelling expenses may also be covered.</p> <p>http://siu.no/eng/Front-Page/Programme-information/Development-cooperation/Quota-Scheme</p>

Romania	
Romanian Ministry of Foreign Affairs / Agence universitaire de la Francophonie (AUF)	"Eugen Ionescu" Grants for the Academic Francophonie. Each year, the Eugen Ionescu program intends to welcome, in Romanian higher education institutions, around 70 PhD candidates and post-docs. The program offers incoming fellowships. www.auf.org/actualites/326-des-bourses-eugen-ionescu-francophonie-univers
Sweden	
†SIDA – Swedish International Development Cooperation Agency	SIDA provides substantial support in the form of block grants to a number of universities, including the National University of Rwanda, University of Dar es Salaam, Eduardo Mondlane and Makerere. Grants fund a number of projects, managed directly by the universities, including support for training staff and students, and often involve links with Swedish universities around specific projects. SIDA's university cooperation grants, and funding for partnerships between African and Swedish universities typically include provision for staff scholarships to pursue higher degrees at Master's and PhD level. www.sida.se SIDA also funds the International Science Programme, managed by Uppsala University. www.isp.uu.se
UK	
†Commonwealth Scholarship Commission	PhD Scholarships: Scholarships for 3-year PhD programmes at UK universities. Candidates can be nominated via national agencies (typically ministries), via their home university, or by some NGOs or DFID sponsored programmes. Around 54 scholarships awarded each year. www.dfid.gov.uk/cscuk
†Dorothy Hodgkin Postgraduate Awards	Dorothy Hodgkin Postgraduate Awards (DHPA) is a UK scheme to bring outstanding students from India, China, Hong Kong, South Africa, Brazil, Russia and the developing world to come and study for PhDs in top rated UK research facilities. Around 30 awarded each year. Students must apply directly to universities. www.rcuk.ac.uk/researchcareers/postgrad/dhpa
*The Beit Trust	Offers a small number of Scholarships for postgraduate studies or research for study in the UK to graduates who are from Malawi, Zambia or Zimbabwe for a maximum of three years. Scholarships are for study at a university in the UK, Ireland or South Africa. www.beittrust.org.uk/Scholarships.htm
*Wellcome Trust	The Wellcome Trust's African Institutions Initiative (some of which is for health-related social science research) also includes provision for PhD scholarships. Seven health research consortia, networks of Northern and African institutions, have been funded, including Consortium for Advanced Research Training in Africa (CARTA).

Other International	
US & Canada	
†American Society for Microbiology	ASM International Fellowships for Africa, Asia, and Latin American and the Caribbean: Funded by ASM these grants offer fellowships to promising young investigators in resource limited nations in Africa, Asia or Latin America and the Caribbean. www.asm.org/index.php/international/asm-international-fellowship-programs.html
†Canadian International Development Agency	Canadian Francophonie Scholarship Programme. The Canadian federal government provides funding for nationals of developing countries in Francophone Africa to undertake degrees, including Master's and PhDs. The candidates must be nominated by a government agency in their country. The programme is administered by CIDA and managed by the Association of Universities and Colleges of Canada (AUCC) and aims to increase opportunities for higher education for nationals of developing Francophone countries and help build institutional capacities in these countries. www.acdi-cida.gc.ca/acdi-cida/acdi-cida.nsf/eng/RAC-35850-HCQ
Carnegie Corporation of New York	See Consortium for Advanced Research Training in Africa and Regional Initiative in Science and Engineering (both above)
Government of Canada	Vanier Canada Graduate Scholarships. Created to attract and retain world-class doctoral students and to establish Canada as a global centre of excellence in research and higher learning. It is worth \$50,000 per year for three years and is available to both Canadian and international PhD students studying at Canadian universities. http://vanier.gc.ca/eng/scholarship_details-reseignements_generaux.aspx
†International Development Research Centre (Canada)	Southern International Fellowships Programme (formerly the Southern Junior Researcher Awards). Currently only offered in SSA (due to expand to Asia and Latin America and the Caribbean). Grants cover doctoral field research costs, full study master's and PhD costs, or in a small number of cases if the program is not available in the region, PhD costs in Canada. Students participate in training workshops to enhance their research, writing, and communication skills. The program also encourages students to publish in peer-reviewed journals, and it provides funding to support the timely review and examination of dissertations. www.idrc.ca/EN/Funding/WhoCanApply/Pages/IDRC-International-Fellowships-Program.aspx
†International Nutrition Foundation	Fellowships provide opportunities for doctoral or postdoctoral research and support professionals at all levels to attend international conferences and workshops. www.inffoundation.org/fellows.htm
†Trudeau Foundation (Canada)	Trudeau Foundation Doctoral Scholarship. Tenable for three years at a Canadian university, worth CAD 180,000 annually (CAD 40,000 annual stipend, CAD 20,000 travel allowance). For Canadians or for foreign nationals with a preference for candidates from the developing world. www.trudeaufoundation.ca/resource/public/boursier
Australia & NZ	
†Commonwealth Scholarships (New Zealand)	New Zealand offers Commonwealth Scholarships for Master's and PhD study www.aid.govt.nz/funding-and-contracts/scholarships/types-scholarship/commonwealth-scholarships

India	
*African Union / Government of India	<p>The Special University Lecturers PhD Fellowship Program: The Special University Lecturers PhD fellowship Program is a capacity building program for PhD studies for teachers in African institutions of higher education and research, in any field of Agriculture, tenable in any reputable Indian University. It is supported under the Africa-India strategic partnership, and forms part of the Mwalimu Nyerere African Union Scholarship Scheme (see above). Awards are made to university lecturers who intend to undertake postgraduate studies at the PhD level in any reputable Indian University. The applicant must possess a Master's degree with at least 3 years post-graduation experience, and not above be 45 years of age. The PhD programme must not exceed three years duration. The Government of India support will provide a monthly allowance of 15,000 Indian Rupees for tuition, accommodation and subsistence, as well as medical and local travels throughout the duration of the programme. 25 PhD fellowships are offered annually (with 75 for master's).</p> <p>www.au.int/en/dp/hrst/nyerere</p>
Various	
†Schlumberger Foundation	<p>Faculty for the future fellowships. These are awarded to women from developing and emerging economies who are preparing for PhD or postdoctoral study in the physical sciences, engineering or related disciplines to pursue advanced graduate study at top universities in their disciplines abroad. Grants for PhD students are worth up to \$50,000 per year and may be renewed through to completion of studies. Postdoctoral grants are worth up to \$40,000 per year.</p> <p>http://facultyforthefuture.ows.fr</p>
†TDR (Special Programme for Research and Training in Tropical Diseases)	<p>PhD scholarships are also supported through institutional strengthening grants. These are intended to develop research capacity on tropical disease, including some social science aspects, provide around \$70,000 over three years.</p> <p>http://apps.who.int/tdr/svc/empowerment/training/leadership-training</p>
†TWAS – Academy of Sciences for the Developing World	<p>Postgraduate Fellowship Programme. There are currently some 11 separate schemes, tenable in Pakistan, Brazil, India, China, Kenya, Mexico, Malaysia. Awarded to students from developing countries (other than host country) to enable them to pursue all or part of their research leading towards a PhD degree in the natural sciences (Brazil, China, Kenya, Malaysia), chemical and biological sciences (Pakistan), biotechnology (India), physical sciences (India).</p> <p>http://twas.ictp.it</p>
†Organisation for Women in Science for the Developing World	<p>TWAS also manages the OWSD Postgraduate Training Fellowships at Centres of Excellence in the South for Women Scientists in Sub-Saharan Africa or Least Developed Countries (LDC). This programme is for female students from Sub-Saharan Africa or Least Developed Countries (LDCs) who wish to pursue postgraduate training in a field of the natural sciences leading to a doctorate degree at a centre of excellence in the South outside their own country.</p> <p>http://owsdw.ictp.it</p>

†World Bank Institute	JJ/WBGSP – Joint Japan/World Bank Graduate Scholarship Programme. For graduate studies in subjects related to economic development. Each year, the programme awards scholarships to individuals from World Bank member countries to undertake graduate studies at renowned universities throughout member countries of the Bank. Scholars are required to return to their home countries on completion of their study programmes and apply their enhanced knowledge and skills to contribute to the development process in their respective regions and communities. 3,153 scholarships awarded over 23 years, plus 1,226 through the JJ/WBGSP partnership programmes which combine academic rigor with specialized training in the practical aspects of policy-making, with awards tenable at specific US institutions. Scholars must return to their home countries on completion of their study. http://go.worldbank.org/6KLLM2C0Q0
INDIVIDUAL RESEARCH CENTRES & UNIVERSITIES NB: these are included by way of example – identifying all the funding offered by individual universities is a huge undertaking, and may only be valid in a given year	
Africa	
University of the Witwatersrand – WISER	WISER's Doctoral Fellowship Programme. Each fellowship is worth ZAR 85 000 per year, and is renewable for four years of full-time study, subject to satisfactory progress. This award is intended to cover the cost of university fees, basic research expenses and a monthly stipend. http://wiserweb.wits.ac.za/people%20-%20doctoralfellowships.htm
Europe (EU)	
Sweden	
International Science Programs of Uppsala University	The ISP covers three broad areas- chemical, physical and mathematical sciences. The support is given on a long-term basis to enable the groups and networks to become self-sustainable. The support is adjusted to the needs of the individual activities, and may comprise support for equipment, consumables and literature, exchange of scientists, and postgraduate education on a sandwich basis. The work is carried out in co-operation with one or more strong research groups in Sweden, in the rest of Europe, and in the regions. In 2010, in Africa, 10 sandwich PhDs graduate and 12 local PhDs; there were 52 registered for sandwich PhDs and 43 for local PhDs in 2010. 17 research groups and 12 scientific networks were supported. www.isp.uu.se
UK	
*Rhodes Scholarships	Are available to students from Botswana, Kenya, Lesotho, Malawi, Namibia, South Africa, Swaziland, Zambia and Zimbabwe to study for postgraduate qualifications at Oxford University. www.rhodeshouse.ox.ac.uk/infoscholar.htm
*The Centre for the Study of African Economies Scholarship (Oxford)	Worth £10,000 and is to support African students wishing to pursue economic research at the University of Oxford for the degree of DPhil. www.csae.ox.ac.uk/scholarships/CSAE/Mscholar.html

<p>*The University of Edinburgh Southern African Scholarships</p>	<p>One scholarship for a three year PhD degree programme. Students from the following countries are eligible to apply: Angola, Botswana, Democratic Republic of Congo, Lesotho, Malawi, Mozambique, Namibia, South Africa, Swaziland, United Republic of Tanzania, Zambia, Zimbabwe. www.scholarships.ed.ac.uk/postgraduate/internat/sas.htm</p>
<p>*Governance for development in Africa initiative PhD scholarships, SOAS, London</p>	<p>Governance for development in Africa initiative PhD scholarships. Scholarships are available to African students undertaking full-time PhD research that clearly relates to the core themes of governance and development in sub-Saharan Africa. 3 offered per year. Scholarships cover fees for three years and accommodation and living costs for the first and third year only. Students are expected to undertake fieldwork during the second year. www.soas.ac.uk/gdai</p>
<p>Europe (outside EU)</p>	
<p>†North-South Centre, ETH Zurich</p>	<p>Sawiris Scholarships. These promote doctoral research for the benefit of developing countries. Scholarships of CHF 150,000 are available for a period of three years. Preference will be given to citizens of least developed countries and other low-income countries. www.northsouth.ethz.ch/services/funding/sawiris</p>

PHD SCHOLARSHIPS & FELLOWSHIPS: PARTIAL FUNDING

(Including thesis and fieldwork grants and study/research visits at other universities – these include split-site & sandwich schemes)

DONOR & FUNDING AGENCIES

For study in Africa

<p>*African Climate Change Fellowships Program (ACCFP)</p>	<p>African Climate Change Fellowships Program (ACCFP). Funded by the International Development Research Centre (IDRC, Canada) / Department for International Development (DFID, UK). Doctoral Fellowships that follow a split site model, lasting for 12 months or less and carry a maximum award of USD 16,500, and for those undertaking doctoral research at an African university to enable them to undertake work at a host institution. Funded by IDRC, ACCFP was started in 2007 by the African Academy of Science (AAS) and global change SysTem for Analysis, Research and Training (START) and the Institute of Research Assessment (IRA, Dar es Salaam). ACCFP offered experiential learning, education, research and training opportunities to African professionals, researchers and graduate students that enhance their capabilities for advancing and applying knowledge for climate change adaptation in Africa. In 2008 ACCFP approved 45 fellowships (from nearly 300 applications) to candidates from 18 African countries. These fellowships were either focused on policy studies, or on teaching climate change. Fellowships have also been offered to pursue doctoral and postdoctoral studies. In its next two rounds of awards (2011/2012), the ACCFP will offer three types of Fellowships: 1. Adaptation Science Fellowships 2. Adaptation Policy Fellowships 3. Adaptation Teaching Fellowships in partnerships with START and with support from Climate Change Adaptation in Africa (CCAA). Seven doctoral researchers are being supported at present according to the ACCFP website. www.accfp.org</p>
<p>*AERC – African Economic Research Consortium</p>	<p>PhD Thesis Research Awards. Limited number of awards with a maximum value of USD 15,000 towards PhD thesis research. www.aercafrica.org/programmes/training_cmap_PhDthesisawards.asp</p>
<p>*African Population Health Research Centre (APHRC)</p>	<p>ADDRF – African Doctoral Dissertation Research Fellowships. Fellowships awarded to advanced doctoral students within two years of completing their doctoral thesis at an African university. The fellowships target students in governance, equity, health, sexuality studies, or population-related issues. Aims to facilitate more rigorous engagement of doctoral students in research, to strengthen research skills and to shorten the period it takes to complete the dissertation. 45 fellowships awarded in 2009 across 24 countries. Candidates' home departments also received facilitation grants to enable them provide effective and timely supervision to the grant recipients and facilitate internal and external reviews of their dissertations. www.aphrc.org/insidepage/?articleid=418</p>
<p>*Consortium for Advanced Research Training in Africa (CARTA) -- African Population Health Research Centre (APHRC)</p>	<p>Research Traineeships. Targets advanced doctoral students who seek to explore or define their thesis projects, or require field experience in Africa. These are short-term practical training fellowships. www.cart africa.org</p>

*CODESRIA – Council for Development of Social Science Research in Africa	Small Grants Programme. For thesis writing, awarded to postgraduates and professionals. Preference given to doctoral students . Also provides recipients with bibliographies, textbooks and journals, and support in research methodologies. www.codesria.org/spip.php?article3&lang=en
*International Livestock Research Institute (ILRI)	Graduate Fellowships. Intended primarily for national research and extension services (NARES) employees undertaking MSc or PhD studies and who have completed their BSc or MSc or equivalent degree. Awards are for a maximum of three years. For PhD awards university registration before the candidate joins ILRI is strongly preferred, but not essential requirement. The fellows are required to work on a project related to existing ILRI research protocols. Each fellow will have an ILRI supervisor and shall join the institute for a period of 6 to 36 months, depending on the nature of their research and their degree registration. ILRI provides financial support, supervision and research facilities for the period at the institute and also provides supervision and research support for students who come with external funding. Awards are competitive and the selection depends upon the student's academic excellence and their particular research interest. The size of the Graduate Fellow Program is limited by the availability of ILRI supervisors, research facilities and funding. www.ilri.org/Training_at_ILRI
<i>Africa – national agencies</i>	
South Africa	
*South African National Research Foundation	Sandwich Doctoral Training. This produces highly qualified graduates and prospective researchers who will engage in drug discovery research for social and economic development in South Africa. NRF will provide stipends and research running expenses when doctoral students are based in South Africa, airfares to the US and personal settling-in funds up to a maximum of \$500 when travelling to the US. www.nrf.ac.za/funding_overview.php?fid=61
<i>Europe (EU)</i>	
Belgium	
†Belgian Development Agency	Mixed doctorate scholarships are mainly awarded to doctorate/PhD students and cover a stay of 16 months in Belgium, which the scholarship student will use for his research (16 months to be divided in 4 stays over a duration of maximum four years). www.btcctb.org/scholarships
Germany	
†DAAD – German Academic Exchange Service	Research Grants for Doctoral Candidates within the Sandwich Model. PhD students carry out their research and studies alternately in their home country and in Germany, following a schedule set in advance and under continuous supervision by a German academic. The doctorate is obtained at the home university. Training and further education of future and young university teachers is given special priority. Scholarships are initially awarded for a maximum of 1 year, but have the possibility of being extended for a further year (2 years in total). www.daad.de/deutschland/foerderung/stipendiendatenbank/00575.en.html

Finland	
CIMO	<p>Awards are intended to work as start-up finance, providing 3-12 months of funding, for young PhD students and researchers, who are yet to be invited to a Finnish university and who do not have a long post-Master's research career behind them. However, the CIMO scholarships are also applicable to those who have, for example, been accepted into a doctoral degree programme, even though they cannot cover the whole time it takes to complete a PhD. The monthly allowance is 900-1200 euros (in 2011). The scholarship is intended to cover living expenses in Finland for a single person. Expenses due to international travel to and from Finland are not covered by CIMO. Researcher must have a Finnish host university; only the Finnish university can apply for the grant on behalf of the visiting researcher.</p> <p>www.studyinfinland.fi/tuition_and_scholarships/cimo_scholarships/cimo_fellowships</p>
Finnish Government Scholarship Pool	<p>The Finnish Government offers scholarships of 3-9 months for Doctoral level studies and research at Finnish universities. The Finnish Government Scholarship Pool programme is open to young researchers from all academic fields. The scholarship includes a monthly allowance of EUR 1200. Expenses due to travel, international or in Finland, are not covered. Based on cultural agreements or similar arrangements between Finland and other countries –in SSA only Namibia has this arrangement, with applications via the Ministry of Education of the Republic of Namibia.</p> <p>www.studyinfinland.fi/tuition_and_scholarships/cimo_scholarships/finnish_government_scholarship_pool</p>
The Bank of Finland Institute for Economies in Transition (BOFIT)	<p>Visiting Researchers Programme. Scholarships for 1–6 months are available for high-level research projects in areas pertinent to the Institute's research objectives. For the most part scholarships are admitted to post doc researchers, but PhD candidates may also get funding. Visiting researchers have access to all BOFIT facilities, including data and computer resources. Visiting researchers are expected to participate actively in BOFIT seminars and other research activities. Scholars focusing on the Russian or Chinese economy will be given priority.</p> <p>www.suomenpankki.fi/bofit/vierailuohjelma/Pages/default.aspx</p>
†Ministry for Foreign Affairs of Finland	<p>North-South-South – Higher Education Institution Network Programme. The NSS-programme supports cooperation between higher education institutions in Finland and developing countries. The length of a student exchange varies from 3 to 12 months. The hosting Finnish institution or department appoints a supervising professor for the incoming postgraduate student, and the student participates in the study programme provided by the institution or department. The programme does not support mobility that aims at the completion of a degree in the host country or institution. The student grant covers additional costs arising from the exchange. The level of each grant is based on the length and estimated costs of the exchange. Travel costs are covered on the basis of actual costs. In addition, it is possible to cover costs related to permits and insurances.</p> <p>http://cimo.fi/programmes/north-south-south</p>
Norway	
Research Council of Norway	<p>Yggdrasil grants for research stays in Norway Partial funding, 3-12 months to enable Ph.D. students and younger researchers to undertake research stays in Norway. Applications must be made by the Norwegian institution. Within Africa, researchers from Egypt and South Africa are eligible. This programme is open to all academic areas of study/research. The programme covers documented settling-in expenses and other expenses.</p> <p>www.forskningsradet.no/servlet/Satellite?c=Informasjonstekst&pagename=internasjonale-stipend%2FHovedsidemal&cid=1232959459237</p>

*Norwegian Council for Higher Education	<p>South African – Norwegian programme for Research Co-operation. The programme offers Post-graduate exchange grants. Grants can be made available for full-time students at Master's and PhD levels to spend up to 12 months at the partner institution within the research project.</p> <p>www.forskningsradet.no/servlet/Satellite?c=Page&cid=1226994002766&p=1226994002766&pagename=southafrica%2FHovedsidemal</p>
Sweden	
†Swedish Institute	<p>Guest Scholarship Program. For PhD and post-doctoral studies in Sweden. For nationals from countries on the Development Assistance Committee list of recipients of Official Development Assistance. Provides funding for 6-12 months in Sweden. Offers 20 scholarships at PhD level (compared to around 120 at Master's level). The scholarship amounts to SEK 12,000 per month for PhD students.</p> <p>www.studyinsweden.se/Scholarships/SI-scholarships/Guest-Scholarship-Program</p>
UK	
†Commonwealth Scholarship Commission	<p>Split-site PhD Scholarships: Scholarships to support PhD candidates registered at a home university to undertake 12 months of research in the UK (usually in 2 six month blocks). Candidates can be nominated via national agencies (typically ministries), via their home university, or by some NGOs or DFID sponsored programmes.</p> <p>www.dfid.org/cscuk</p>
<i>Europe (non EU)</i>	
Switzerland	
†SNF – Swiss National Science Foundation	<p>NCCR North-South. The NCCR North South is one of 20 National Centres of Competence in Research (NCCRs) established by the SNF. The programme focuses on partnership and collaborative research between Swiss research institutions and institutions in the South and is arranged around specific research themes. Current themes include; Institutions, Livelihoods, Conflicts and Natural Resources, Economy, Governance. These themes are supported by Swiss research institutions and partners in developing countries and typically comprise 4-6 research projects that include senior researchers as well as PhD and Master's students.</p> <p>For participants of the programme there is provision for PhD fellowships and Master's fieldwork. In addition, the NCCR North South conducts thematic and methodological courses to help interdisciplinary communication and cooperation between researchers.</p> <p>www.nccr-north-south.unibe.ch/education.asp</p>

Other international	
*Agence universitaire de la Francophonie (AUF)	<p>PhD Grants: call for proposals at the regional level. Doctoral exchanges are supported within the network of higher education institutions of the Agence universitaire de la Francophonie (AUF). This supports a research period of several months following the priorities of AUF's regional priorities. These grants should: be useful for the development both of universities and developing countries; be justified by the director(s) of thesis of the candidate. Co-direction is preferred. AUF's regional offices: Bureau Maghreb : www.auf.org/maghreb/appels-offre Bureau Afrique de l'Ouest : www.auf.org/afrique-de-l-ouest/appels-offre Bureau Afrique centrale et des Grands Lacs : www.auf.org/afrique-centrale-et-des-grands-lacs/appels-offre Bureau Océan indien : www.auf.org/ocean-indien/appels-offre</p> <p>Horizons Francophones. The general objective of the Horizons francophones support project is to structure and to develop a regional space of training to research for the benefit of the teaching body of the developing countries. It intends also to constitute a network of universities between developed and developing countries – universities which are also member of the Agence universitaire de la Francophonie (AUF). Accordingly, it is also intended to develop sustainable scientific partnerships by offering the opportunity to teacher and teacher-researcher of universities from developing countries to facilitate their reintegration to their university of origin. The target groups: The teaching body in universities, the PhD candidates who do have a teaching activity or an activity supporting teaching as well as PhD candidates who intend to be teacher in higher education institutions. Bureau Maghreb : www.auf.org/maghreb/appels-offre Bureau Afrique de l'Ouest : www.auf.org/afrique-de-l-ouest/appels-offre Bureau Afrique centrale et des Grands Lacs : www.auf.org/afrique-centrale-et-des-grands-lacs/appels-offre Bureau Océan indien : www.auf.org/ocean-indien/appels-offre</p>
US & Canada	
*American Council of Learned Societies / Carnegie	<p>Humanities Fellowship Programme. Scheme to support African scholars (Ghana, Nigeria, South Africa, Tanzania, Uganda) to complete dissertations or undertake postdoctoral research and writing. (Dissertation grants not available to SA; postdoctoral grant applicants must have completed the PhD within five years). Funded by Carnegie Corporation of New York. Around 40 fellowships awarded each year. Parallel meetings are also organised in African universities which include workshops on application preparation from African experienced scholars, and sessions on emerging issues and quality in humanities research. www.acls.org/grants/Default.aspx?id=3210&linkidentifier=id&itemid=3210</p>
*†Bioversity International	<p>Abdou-Salam Ouédraogo Fellowship. This fellowship (one award) is awarded annually by Bioversity International to a young African forest genetic resources scientist in Sub-Saharan Africa. The purpose of the Fellowship is to give talented African scientists working on forest genetic resources opportunity to develop their capacity in interaction with senior scientists at an international centre. Open to those with a master's degree or above. www.bioversityinternational.org/training/research_fellowships/a_history_of_the_abdou_salam_ouedraogo_fellowship.html</p> <p>Vavilov–Frankel Fellowships. Two Fellowships, for up to USD 20,000 each, to carry out research, from 3 to 12 months, on a wide range of biophysical, economic and social themes related to the conservation and use of genetic resources in developing countries. Applicants should be nationals of low and medium income countries. Open to those with a master's degree or above. www.bioversityinternational.org/training/research_fellowships/a_history_of_the_vavilov_frankel_fellowship.html</p>

Canadian Commonwealth Scholarship Program	<p>For students in all Commonwealth countries to study in Canada. The Canadian Commonwealth Scholarship Program is facilitated through student exchange agreements between Canadian and regional institutions. These student exchange agreements are created between universities for graduate students. Scholarship recipients remain registered as full time students in their home institution during this exchange. Graduate Students Exchanges (GSEP) are hosted by Canadian institutions for a period of five or six months and provide up to \$10,000 to cover transportation, living and other related expenses during the student's stay in Canada.</p> <p>www.scholarships-bourses.gc.ca/scholarships-bourses/non_can/ccsp-pcbc.aspx?lang=eng&view=d</p>
*Fulbright Foundation	<p>Junior Staff Development Programme. Largest Fulbright programme within Africa. Aimed at junior academics and provides financial assistance for a maximum of 2 years of study toward a Master's or PhD degree at a US university.</p> <p>http://fulbright.state.gov/grants.html</p>
*International Development Research Centre (IDRC, Canada) / Department for International Development (DFID, UK)	<p>African Climate Change Fellowships Program (ACCFP). Doctoral Fellowships that follow a split site model, lasting for 12 months or less and carry a maximum award of USD 16,500, and for those undertaking doctoral research at an African university to enable them to undertake work at a host institution. Funded by IDRC, ACCFP was started in 2007 by the African Academy of Science (AAS) and global change SysTem for Analysis, Research and Training (START) and the Institute of Research Assessment (IRA, Dar es Salaam). ACCFP offered experiential learning, education, research and training opportunities to African professionals, researchers and graduate students that enhance their capabilities for advancing and applying knowledge for climate change adaptation in Africa. In 2008 ACCFP approved 45 fellowships (from nearly 300 applications) to candidates from 18 African countries. These fellowships were either focused on policy studies, or on teaching climate change. Fellowships have also been offered to pursue doctoral and postdoctoral studies. In its next two rounds of awards (2011/2012), the ACCFP will offer three types of Fellowships: 1. Adaptation Science Fellowships 2. Adaptation Policy Fellowships 3. Adaptation Teaching Fellowships in partnerships with START and with support from Climate Change Adaptation in Africa (CCAA). Seven doctoral researchers are being supported at present according to the ACCFP website.</p> <p>www.accfp.org</p>

<p>†International Development Research Centre (IDRC, Canada)</p>	<p>IDRC Doctoral Research Awards. Offered to Canadians, permanent residents of Canada, and citizens of developing countries pursuing doctoral studies at a Canadian university. These awards are intended for field research in one or more developing countries. Candidates must conduct their research in areas corresponding to IDRC's research priorities. Award tenure corresponds to the period of field research. In general, it will be no less than 3 consecutive months in each developing country researched and no more than 12 months. The award will cover justifiable field research expenses up to CAD 20,000 a year. www.idrc.ca/EN/Funding/WhoCanApply/Pages/Doctoral-Research-Awards.aspx</p> <p>IDRC Research Awards. IDRC offers these research awards annually to Canadians, permanent residents of Canada, and citizens of developing countries pursuing master's or doctoral studies at a recognized university or having completed a master's or doctoral program at a recognized university. As a research award recipient, you will undertake a one-year paid program of research on the topic you submitted when competing for the award. During part of the time (often around 50%), you will be trained in research management through hands-on experience with your chosen program. You will work under the mentorship of a program officer. These awards focus on research carried out in one or more developing countries. Most research award positions are for 12 months and are based at IDRC's head office in Ottawa, Canada. A few take place in one of IDRC's six regional offices. Candidates must conduct their research in areas corresponding to IDRC's research priorities. www.idrc.ca/EN/Funding/WhoCanApply/Pages/Internships-at-IDRC.aspx</p> <p>Graduate Research Awards on Climate Change and Water (Adaptation H2O). Offered annually to developing country graduate students and Canadian doctoral students conducting thesis research on a topic related to climate change and water. Adaptation H2O awards cover research expenses for 3-12 months of fieldwork in a developing country. For developing country graduate students: We offer a maximum of seven awards, each with a maximum value of CAD 15,000. The award covers field work expenses for graduate students who are citizens of a developing country and who are enrolled in a master's or doctoral program at a Canadian or developing-country university. www.idrc.ca/EN/Funding/WhoCanApply/Pages/Adaptation-H2O-default.aspx</p> <p>Bentley Cropping Systems Fellowship. Provides assistance to Canadian and developing-country graduate students with a university degree in agriculture, forestry or biology, who wish to undertake postgraduate, applied, on-farm research with cooperating farmers in a developing country. Award tenure corresponds with the period of field research. In general, this will be between eighteen months and twenty-four months. The value of the award is up to CAD 30,000. www.idrc.ca/EN/Funding/WhoCanApply/Pages/Bentley-Cropping-Systems-Fellowship.aspx</p> <p>Canadian Window on International Development Awards. Offered annually to Canadians, permanent residents of Canada, and citizens of developing countries pursuing master's or doctoral studies at a Canadian university. These awards are intended for field research in Canada and one or more developing countries. Candidates must conduct their research in areas corresponding to IDRC's research priorities. www.idrc.ca/EN/Funding/WhoCanApply/Pages/Canadian-Window-on-International-Development-Awards.aspx</p>
<p>†Margaret McNamara Memorial Fund</p>	<p>Funding is available to support the education of women from developing countries who are enrolled in a PhD programme in the US or Canada and who are committed to improving the lives of women and children in a developing country. Grants are offered annually and are worth approximately \$12,000 each. www.mmmf-grants.org/grants-us.html</p>

<p>†Norman E. Borlaug Leadership Enhancement in Agriculture Program (LEAP)</p>	<p>Fellowship program, funded by the United States Agency for International Development (USAID), to enhance the quality of thesis research of graduate students from developing countries who show strong promise as leaders in the field of agriculture and related disciplines. The fellowship supports engaging a mentor at a United States (US) University and at a Consultative Group on International Agricultural Research (CGIAR) system centre to support and enhance the thesis research and mentoring experience. http://leap.ucdavis.edu</p>
<p>*Social Science Research Council, US (& Carnegie)</p>	<p>Next generation social sciences in Africa. The programme offers fellowships to nurture the intellectual development and increase retention of early-career faculty in Ghana, Nigeria, South Africa, Tanzania, and Uganda. Fellowships are worth between \$3,000 and \$15,000.</p> <p>Doctoral dissertation research fellowship: Supporting 9-12 months of dissertation research costs of up to USD 15,000 on a topic related to peace, security, and development. www.ssrc.org/programs/nextgenafrika</p>
<p>Japan</p>	
<p>†UNU – United Nations University</p>	<p>UNU-IAS PhD Fellowship. For young scholars and policy-makers, especially from the developing world. Tenable at UNU-IAS in Yokohama, Japan. 10 months with a monthly stipend of JPY 260,000 (£1900/\$2700, from which accommodation costs are deducted). Awards are currently offered in Science and Technology for Sustainable Societies, Sustainable Urban Futures, and Biodiplomacy Initiative. www.ias.unu.edu/sub_page.aspx?catID=6&ddlID=127</p>
<p>Multilateral organisation</p>	
<p>World Bank Institute</p>	<p>RSM Fellowships – Robert S McNamara Fellowship Programme. Provides support to young researchers working in academic and research institutions from eligible countries preparing a doctoral thesis. Research grants cover residence costs for a 5 to 10 month period in a renowned university or research centre. Fellows are expected to advance their research work mainly by using the facilities and resources provided by the host institution and by interacting with peers. Only lecturers and researchers from eligible countries working on their doctoral thesis can apply for the fellowship. Fields such as economics, health, education, agriculture, environment, natural resource management, or other development-related subject. The maximum amount of the grant is USD 25,000. http://web.worldbank.org/WBSITE/EXTERNAL/WBI/EXTWBISFP/EXTRSMFP/0,,contentMDK:21588578~menuPK:552352~pagePK:64168445~piPK:64168309~theSitePK:551843,00.html</p>
<p>†International Cooperation branch of the Organization for the Prohibition of Chemical Weapons</p>	<p>The Organization's international cooperation programs focus on capacity building for the peaceful applications of chemistry in areas, which are relevant to the Chemical Weapons Convention (CWC). Support programs, funded by the Member States, enhance the ability of the Organization to hinder prohibited activity and to extend the benefits of peaceful uses of chemistry to all. Two programs are considered relevant for the DocLinks project</p> <ol style="list-style-type: none"> 1. OPCW's Internship program which offers opportunities to Scientists and engineers from developing countries to conduct advanced research in laboratories in industrialized countries. This may be part of their PhD program. <p>OPCW also facilitates the transfer of used and functional equipment to publicly funded laboratories and other academic institutions in developing countries from institutions in industrialized countries. www.opcw.org/our-work/international-cooperation</p>

INDIVIDUAL RESEARCH CENTRES & UNIVERSITIES

Please note, there may be many other grants and scholarships provided by individual universities. Listed here are simply those which are formally advertised by the universities in question, and which specifically include provision for African students/researchers. It is worth also checking the funding pages of individual universities' websites in each country

Europe (EU)

Belgium

†Ghent University	Special Research Fund – Doctoral Scholarships for Candidates from Developing Countries. Funding is available to support candidates from developing countries who wish to carry out half of their PhD research at Ghent University. Each award is worth €1,700. A Ghent University promoter also receives a bench fee of €15,440 to cover (part of) the operational costs, as well as the travelling costs of the student and both the Ghent University and the local university promoter. www.ugent.be/en/research/funding/phd/BOF/docos.htm
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Finland

Research foundations of Finnish universities	Opportunities vary according to the university offering the grant or bursary. The Research Foundation of Helsinki University of Technology, Aalto University www.aalto.fi/en/services/research_foundation_tkk Research Foundation of the University of Helsinki: Grants for Young Researchers www.helsinki.fi/tiedesaatio/grants The University of Tampere Foundation www.uta.fi/english/research/funding/stipends.html Kuopio University Foundation Grants www.uef.fi/yliopistosaaot/saatioiden-apurahat1 Oulu University Scholarship Foundation www oulu.fi/tukisaatio/html/inenglish.html
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Sweden

*Nordic Africa Institute, Sweden	PhD Scholarships. The PhD Scholarships cover travel expenses to and from Uppsala from a Nordic country and includes a shared office and free accommodation in a shared student apartment and scholarship holders can choose between staying for 1-2 months at the Institute. Candidates applying for the PhD Scholarships should be working on study projects that relate to current research at the Nordic Africa Institute, which at present include Conflict, Displacement and Transformation; Urban Dynamics and Globalization and Trade and Regional Integration. www.nai.uu.se/scholarships/phd_candidates
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UK	
†Future Agricultures Consortium	<p>Early Career Fellowship Programme. For pre or postdoctoral – so would be open to someone embarking on a PhD. Three types of awards will be available: 1. Africa-based, full time for one-year, post-Masters or post-Doctoral fellowship; 2. Africa-based, part time for one-year, post-Masters or post-Doctoral fellowship; and 3. UK-based, full time for six-month, post-Doctoral fellowship.</p> <p>www.future-agricultures.org/index.php?option=com_content&view=category&layout=blog&id=486&Itemid=664</p>
<i>Europe (non EU)</i>	
†The Abdus Salam International Centre for Theoretical Physics (Trieste, Italy)	<p>ICTP-IAEA Sandwich Training Educational Programme. Fellowship opportunities to Ph.D. students from developing countries in the fields of physics and mathematics. Applications are expected from students in developing countries who are enrolled in a PhD course at their home university. The fellowships are awarded for a period of at least three months to be spent by the fellows at host institutes during the first year. Pending the approval of the host institute and the two supervisors, the fellowship is renewable for up to two additional successive years.</p> <p>http://portal.ictp.it/step</p>
*Africa Initiative Graduate Research Grant (The Centre for International Governance Innovation, Canada)	<p>The Africa Initiative Graduate Research Grant program supports short-term academic placements for students enrolled in a Master's or PhD program at African universities. The program offers grants of up to CAD 10,000 each to fifteen students per year to conduct research for up to three months at Canadian universities.</p> <p>www.africaportal.org/content/students-enrolled-university-africa</p>
†Centre for Science and Technology of the Non-aligned and Other Developing Countries	<p>ICCBS fellowships. Awards support scientists and researchers from developing countries wishing to work with senior researchers and faculty members at the International Centre for Chemical and Biological Sciences in Karachi, Pakistan. Fellowships last up to three months and provide accommodation and a subsistence allowance of \$200 per month. Return airfare will be provided to the selected researchers subject to the endorsement by the focal point of the NAM S&T Centre in the country of the applicant.</p>
United Nations University World Institute for Development Economics Research (UNU-WIDER)	<p>PhD Research Internship Programme. These support students wishing to conduct research at UNU-WIDER on developing or transition economics, and to work jointly with UNU-WIDER researchers in areas of mutual interest. Awards provide a travel grant, travel and accident insurance and a stipend to cover living expenses in Helsinki during the internship.</p> <p>www.wider.unu.edu/opportunities/en_GB/phd-internships</p>

RESIDENTIAL SCHOOLS / WORKSHOPS / TRAINING

DONOR & FUNDING AGENCIES

Africa

<p>*AERC – African Economic Research Consortium</p>	<p>AERC also conducts methodology workshops for AERC sponsored researchers, which are designed to 'sharpen research skills and expose the network to relevant developments'. These aim to provide researcher with experience of different research techniques and methodologies including time series econometrics, poverty mapping and macro-econometric modelling.</p>
<p>*African School of Fundamental Physics and its Application</p>	<p>The African School of Fundamental Physics and its Application has been established to build capacity to harvest and interpret the results of current and future physics experiments with particle accelerators, and to increase proficiency in related applications, such as medicine, and technologies, such as IT. The school is being organized in a Sub-Saharan African country every second year and it is based on a close interplay between theoretical, experimental, and applied physics. The first school took place in Stellenbosch, South Africa on 1-21 August 2010 and the second edition of the biennial school in KNUST, Kumasi, Ghana from July 15th to Aug 4th 2012. The School is a non-profit organization, which provides partial or full financial support to 50 of the selected students, with priority to Sub-Saharan African students. The lectures are addressed to students in Fundamental Physics with at least a background of 4 years of university formation. Lectures may be an interesting complement for PhD academic lectures. Depending on circumstances we may consider opening the school to young researchers as well. http://africanschoolofphysics.web.cern.ch/africanschoolofphysics</p>
<p>*Consortium for Advanced Research Training in Africa (CARTA) -- African Population Health Research Centre (APHRC)</p>	<p>Technical Workshops. Focus on theoretical, analytical and methodological developments in population, health, and development research to improve the skills of African scholars in designing projects and analysing data.</p> <p>Short courses for CARTA awardees in supervision, library support, grant-writing, and research management; Mentoring PhD supervisors through twinning experienced with new supervisors; Mentoring of faculty and other university staff through their participation in Joint</p> <p>Advanced Seminar (JAS) curriculum development workshops and co-facilitating the JAS www.cartafrica.org</p> <p>Annual joint advanced seminars to equip cohorts of doctoral students from participating African universities with strong conceptual, technical, analytical, writing, leadership and professional skills. www.cartafrica.org</p>

<p>*CODESRIA – Council for Development of Social Science Research in Africa</p>	<p>Research Training Workshops. Postgraduate methods workshops, conducted by CODESRIA. Includes workshops on methodology, training of trainers and writing for scholarly publishing. Workshops are structured as research seminars, and are co-hosted with local universities which draw participants from several disciplines and countries. The workshops also offer participants an opportunity to build research networks and receive input into their work. Methodology workshops are for those selected under the small grants programme; other researchers who are not awarded grants are not eligible. Training of trainers workshops target those responsible for methods teaching in their respective universities. www.codesria.org/spip.php?rubrique87&lang=en</p> <p>Sub-Regional Methodology Workshops for Social Research in Africa. Designed for early career African researchers to fill the gaps in their formal and informal training. Aimed at doctoral and Master's students as well as young, mid-career researchers. Senior researchers are involved as resource persons. In 2010, the workshops were held in Nigeria (for Anglophone west and central Africa) and Algeria (for North Africa).</p>
<p>*OSSREA – Organization for Social Science Research in Eastern and Southern Africa</p>	<p>Research Methodology Institute. Short-term training in social science research methodology. The training focuses on emerging thinking in social science research, ethical issues in social science research, mainstreaming gender and environmental issues, developing research proposals, choosing study approaches and designs, planning and managing social science research and writing a research report. It was not possible to ascertain how regularly these run, however. www.ossrea.net/index.php?option=com_content&view=article&id=159:rmi&catid=76:training-research&Itemid=58</p>
<p>Winter University, Kinshasa</p>	<p>Consortium of network and universities: the international association of sociologists of French language and the international network of the Doctoral school (AISLF/RéDoc), in partnership with the Université de Kinshasa (RDC), the Université de Lubumbashi (RDC), the Université Marien Ngouabi (Congo), the Université Yaoundé I (Cameroun) and the Université Omar Bongo (Gabon). The topic of the 2012 winter university is 'désoccidentaliser la sociologie, pour quelle sociologie africaine?' www3.unil.ch/wpmu/redoc/universite-dhiver-kinshasa-du-19-au-22-novembre-2012-desoccidentaliser-la-sociologie-pour-quelle-sociologie-africaine</p>
<p>INDIVIDUAL RESEARCH CENTRES & UNIVERSITIES</p>	
<p>*African Doctoral Academy (Stellenbosch, SA)</p>	<p>Runs Summer and winter school each year (Jan & July). Summer School in Social Science Research Methods. January 2012 (un-sponsored but fees subsidised). Organises a one-week certificate course for doctoral supervisors, a series of modular (one week courses) in research methodology and social theory that are presented throughout the academic year, scholarship workshops (1-2 days) that involve hands-on skills training in key research competencies primarily aimed at students to assist them in the development and finalisation of their doctoral proposals; seminar series (2-days) on the management of doctoral studies aimed at a more general audience of university directors and managers (Deans/ Directors of Research Offices/ Post-graduate offices) who support doctoral studies at their institutions. http://sun025.sun.ac.za/portal/page/portal/Arts/ADA</p>

Europe (EU)	
Finland	
Universities in Helsinki Metropolitan Area	<p>Helsinki Summer School. Three-week academic event organised every August by the universities in Helsinki Metropolitan area. The courses are intended for advanced Bachelor's degree, Master's degree and PhD students that have completed at least two years of university studies. Open to students from all over the world, and each year there are participants from over 60 different countries. The multidisciplinary courses, all of which are taught in English, aim at stimulating thought and intellectual development in an open and diverse environment. A limited number of full or partial scholarships are available. A full scholarship covers the registration fee, the course fee, and accommodation. It is not payable in cash and covers neither transportation nor living expenses (board). A partial scholarship covers the registration fee and the course fee, but not accommodation. Scholarship recipients are selected on the basis of academic performance, personal achievement and financial need.</p> <p>www.helsinkisummerschool.fi</p>
†The Institute for Human Rights, Åbo Akademi University	<p>Intensive Courses in Human Rights Law. The Institute for Human Rights organizes intensive (one-two weeks) human rights law courses, which are taught by internationally renowned human rights experts. The Advanced Course on the International Protection of Human Rights is the intensive course with the longest tradition. The topic of these thematic courses varies from one year to another. For some of the courses, limited number of scholarships are offered for participants from Africa, Latin America and South and South-East Asia.</p> <p>www.abo.fi/student/en/humanrightscourses</p>
France	
*IRD – Research Institute for Development (France)	<p>Methodological Training. Since 2006 IRD in East Africa has run methodological training workshops in Social Sciences and Humanities.</p> <p>www.ird.fr/les-partenariats/soutien-et-formation-des-communautes-scientifiques-du-sud/des-programmes-specifiques/les-ateliers-thematiques-corus-et-aires-sud</p>
Norway	
†Joint venture between different universities and institutes	<p>The Bergen Summer Research School. The BSRS is able to offer a limited number of scholarships to students and junior faculty in the global south. The scholarships are prioritised for PhD students according to scientific qualifications. The objectives of the summer school are: to offer high quality disciplinary, inter-disciplinary and problem-oriented research-based education to a broad audience of doctoral students and junior researchers from all areas of the world; to form an international platform for discussion and dissemination of new perspectives on key global challenges. The first four editions of the BSRS have been dedicated to the following themes: Global Poverty (2008); Climate, Environment and Energy (2009); Global Health (2010); Norms, Values, Language and Culture (2011). Three kinds of grants are available: 1) Waivering of tuition fee; 2) Food and accommodation; local transport in the Bergen area; grants covering costs of hotel accommodation (shared double rooms) and food (breakfasts, lunches, dinners, etc.) for the duration of the Research School, local transport in the Bergen area; 3) Travel grants – grants covering the costs of air tickets to Bergen t/r, visa and obligatory travel insurance.</p> <p>http://gdc.uib.no</p>

POST-DOCTORAL / REINTEGRATION GRANTS

DONOR & FUNDING AGENCIES

For study/work in Africa

<p>*African Climate Change Fellowships Program (ACCFP)</p>	<p>African Climate Change Fellowships Program (ACCFP). Funded by the International Development Research Centre (IDRC, Canada) / Department for International Development (DFID, UK). Doctoral Fellowships that follow a split site model, lasting for 12 months or less and carry a maximum award of USD 16,500, and for those undertaking doctoral research at an African university to enable them to undertake work at a host institution. Funded by IDRC, ACCFP was started in 2007 by the African Academy of Science (AAS) and global change SysTem for Analysis, Research and Training (START) and the Institute of Research Assessment (IRA, Dar es Salaam). ACCFP offered experiential learning, education, research and training opportunities to African professionals, researchers and graduate students that enhance their capabilities for advancing and applying knowledge for climate change adaptation in Africa. In 2008 ACCFP approved 45 fellowships (from nearly 300 applications) to candidates from 18 African countries. These fellowships were either focused on policy studies, or on teaching climate change. Fellowships have also been offered to pursue doctoral and postdoctoral studies. In its next two rounds of awards (2011/2012), the ACCFP will offer three types of Fellowships: 1. Adaptation Science Fellowships 2. Adaptation Policy Fellowships 3. Adaptation Teaching Fellowships in partnerships with START and with support from Climate Change Adaptation in Africa (CCAA). www.accfp.org</p>
<p>*Consortium for Advanced Research Training in Africa (CARTA) -- African Population Health Research Centre (APHRC)</p>	<p>Postdoctoral Fellowships and / or Re-entry Research Grants To enable CARTA award holders to consolidate research skills. www.aphrc.org/insidepage/?articleid=92 www.cartafrica.org</p>

Tanzania

<p>*Tanzanian Commission for Science and Technology (COSTECH)</p>	<p>The TASENE programme is an initiative between Tanzania, the Swedish International Development Cooperation Agency (SIDA) and The Netherlands Organisation for Scientific Research. Begins June 2012 and will fund research teams involving two post-doctoral fellows from any of the three participating countries. Fellows will be based in their home institutions but allowed exchange visits with their research partners from any of the three countries www.costech.or.tz/component/content/article/1-latest-news/242-costech-call-for-collaborative-research www.nwo.nl/nwohome.nsf/pages/NWOP_8JFGTP_Eng</p>
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<i>Europe</i>	
European Commission – DG Research and Innovation	EURAXESS- Marie Curie/People- Early Stage Researchers. Grants in the frame of Initial Training Network (ITN) or of Industry Academia Partnership and Pathways (IAPP) aimed to train future generations of researchers (in the first five years of their career) who are capable of contributing more to the economic development and to a knowledge society. It is intended to offer structured training in well-defined scientific and/or technological areas and also to contribute to the employability of the researcher in public and private sectors. http://ec.europa.eu/euraxess/index.cfm/jobs/jvSearch
Netherlands Organisation for Scientific Research	Innovational Research Incentives Scheme. Three streams , respectively for new postdoctoral researchers (recently gained their PhDs), experienced postdoctoral researchers (several years of experience) and professorial researchers. Funding for new postdoctoral researchers is for 3 years , up to 250,000 euro. Funding allows grant holders to spend time at Dutch institutions. www.nwo.nl/nwohome.nsf/Pages/NWOP_5TTCVA_Eng
Romanian Ministry of Foreign Affairs / Agence universitaire de la Francophonie (AUF)	"Eugen Ionescu" Grants for the Academic Francophonie. Each year, the Eugen Ionescu program intends to welcome, in Romanian higher education institutions, around 70 PhD candidates and post-docs. The program offers incoming fellowships. www.auf.org/actualites/326-des-bourses-eugen-ionescu-francophonie-univers
<i>Other international</i>	
†TDR (Special Programme for Research and Training in Tropical Diseases)	TDR Re-entry grants. (\$50,000 maximum over a period of 3 years. Scientists from disease endemics countries who are no more than 40 years of age and have recently (within 24 months) completed a PhD can submit a proposal. www.who.int/tdr/grants/grants/re_entry_grant/en/index.html
†TWAS – Academy of Sciences for the Developing World	Postdoctoral Research Fellowships. 14 different fellowships are offered for researchers from developing countries to study in Pakistan, Brazil, India, China, Kenya, Mexico, Malaysia and Thailand . Awards are in the natural and physical sciences. http://twas.ictp.it
†UNU – United Nations University	JSPS-UNU Postdoctoral Fellowship. For young scholars and policy-makers, especially from the developing world. Tenable at UNU-IAS in Yokohama or UNU-ISP in Tokyo, Japan. 12-24 months with a monthly stipend of JPY 362,000 (£2700/\$4100) and a research grant of JPY 1,500,000 (£11,000/\$17,400). UNU-ISP awards are currently offered in International Cooperation and Development, Global Change and Sustainability, Peace and Security. Aimed at those who have completed their PhD in the last six years. www.ias.unu.edu/sub_page.aspx?catID=6&ddlID=127

OTHER FORMS OF SUPPORT

DONOR & FUNDING AGENCIES

Other international

<p>†INASP</p>	<p>AuthorAid. INASP's AuthorAid initiative assists researchers to publish their work by offering training in academic writing skills. Experienced academics are recruited to mentor junior researchers online. Funded by SIDA, DFID and NORAD. www.authoraid.info</p>
<p>*SANPAD (the South Africa-Netherlands Research Programme on Alternatives in Development)</p>	<p>An in-region one-year fast track training programme designed to prepare students for PhD entry. It acts as a vital bridge between Master's and doctoral study and, by increasing the ability of good students to enrol for PhDs, can help to harness and develop already existing talent which might otherwise go unrealised, and to overcome some of the obstacles to successful PhD research. 256 PhD candidates have been trained to date, mainly from historically disadvantaged backgrounds, and 93% of those trained completed their PhDs within three to four-year period (while at the same time holding teaching and/or research appointments). The unit cost involved is estimated to be one-third of that which would normally arise in a conventional overseas postgraduate training or fellowship programme.</p>
<p>†TDR (Special Programme for Research and Training in Tropical Diseases)</p>	<p>Leadership training grants. For postgraduate training in health research in academic institutions in Disease Endemic Countries. Social science applications to health research particularly favoured. http://apps.who.int/tdr/svc/empowerment/training/leadership-training</p>
<p><i>Sweden</i></p>	
<p>International Science Programs of Uppsala university</p>	<p>The ISP covers three broad areas- chemical, physical and mathematical sciences. The support is given on a long-term basis to enable the groups and networks to become self-sustainable. The support is adjusted to the needs of the individual activities, and may comprise support for equipment, consumables and literature, exchange of scientists, and postgraduate education on a sandwich basis. The work is carried out in co-operation with one or more strong research groups in Sweden, in the rest of Europe, and in the regions. Between 2003-2010, support was given to up to 50 research groups and 21 networks annually.</p>

The Association of Commonwealth Universities

Woburn House
20-24 Tavistock Square
London WC1H 9HF
United Kingdom
Tel: +44 (0) 207 380 6700
Fax: +44 (0) 207 387 2655
doclinks@acu.ac.uk
www.acu.ac.uk