

2014 November Issue 78

Keep following us on the EURAXESS Links North America website, on our Facebook page, through our EURAXESS Links – Internationally mobile researchers group on LinkedIn, YouTube channel and on our newly created Twitter account.

EURAXESS LINKS NORTH AMERICA

Dear colleagues!

Welcome to the November issue of the EURAXESS Links North America Newsletter. We are very pleased to provide you with over 50 open calls for proposals in more than 20 European countries. Our news and development section includes recent and very interesting news from the European Research Area, Canada and the United States.

This month, our "EU Insight" section brings information about the recent EURAXESS Links conference held 11 November in Singapore and 13 November in Bangkok, Thailand.

The latest EURAXESS activities in the region include our presence at the 44th Annual Meeting of the Society for Neuroscience which took place at the Walter E. Washington Convention Centre in Washington, DC between the 16th and 19th of November. Together with the EU Delegation to the US, we had a joint booth at the exhibit hall where scientists could pick up material on Horizon 2020, Marie Skłodowska-Curie Actions, European Research Council Grants, the BILAT USA 2.0 project and EURAXESS Links North America. Over 500 attendees stopped by our booth to learn more about European funding and collaboration opportunities. We also participated in a break-out session of the workshop entitled 'Internationalizing Your Research, Training and Funding Experience'.

We are happy to announce that EURAXESS Links North America is finally on Twitter! If you have a **Twitter** account, please follow us **@euraxess na**.

We would like to remind you that this newsletter is dedicated to you – researchers of any nationality, research field and profile. Therefore, your comments and suggestions are always very welcome at northamerica@euraxess.net.

Enjoy reading the newsletter!

Your,

EURAXESS Links North America Team



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America News is a monthly
electronic newsletter, edited
by EURAXESS Links North
America, which provides
information of specific interest
to European and nonEuropean researchers in the
US who are interested in the
European research landscape
and conducting research in
Europe or with European
partners.

The information contained in this publication is intended for personal use only. It should not be taken in any way to reflect the views of the European Commission nor of the Delegation of the European Union to the US.

Editor: Viktoria BODNAROVA and Stephanie JANNIN, EURAXESS Links North America, Regional Representatives



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1 EU Insight – EURAXESS 2nd Global Conference in ASEAN

In 2015, the European Research Area (ERA) within the EU borders will be completed. Even with this goal in sight, there is still much to do in terms of homogenisation of laws and regulations within the EU and overall improvement of the ERA. In particular, the issue of individual researcher mobility and flexibility within the borders of the European Union, as well as between different research areas, still face some challenges.

In 2015, the ASEAN Economic Community (AEC), a single regional common market and production base within the ASEAN borders, will be created. However, with the exception of Singapore, ASEAN still faces a number of challenges in the on-going development of ST&I in the region. Amongst others, ASEAN countries are in need of more flexibility and mobility not only within ASEAN's own borders, but with other research areas as well.

In this respect, the EURAXESS 2nd Global Conference took place in Singapore and Bangkok, Thailand, on 11 and 13 November 2014, and dealt with linking the EU and ASEAN and promoting the ERA as a successful example of an integrated research area and attractive destination for international researchers.

The questions guiding the discussions were:

- How can science act as an engine for growth in a globalised world?
- How can we improve scientific collaboration and talent mobility between Europe and ASEAN?
- How can international networks such as EURAXESS contribute?

Thailand's Minister of Science and Technology, Dr Pichet Durongkaveroj and the Head of Singapore's A*STAR Graduate Academy, Professor Alfred Huan both delivered welcome addresses. The EU ambassadors to Singapore and Thailand, Dr Michael Pulch and Jesús Miguel Sanz, welcomed the conference participants and European guests. The ambassadors agreed on the fact that a closer link between the ERA and ASEAN would help both regions to grow. During the opening keynote, European Commission representative Dr Anna Karaoglou explained the efforts of the European Commission to eradicate barriers to researcher mobility with the pan-European "EURAXESS—Researchers in Motion" initative. Specifically, she also emphasised that:

[Europe is] open to the world - and definitely open for business to extend the frontiers of scientific knowledge; to tackle challenges that affect us all and to make industries more competitive [...] by opening up, Europe can generate more research excellence.

Several workshops led by European and Asian experts focused on delivering key skills essential for scientific career advancement. In Singapore, Dr Oliver



Kuettel (EPHL) and Massimo Gaudino (European Commission) led the session on "How to write a successful proposal for EU funding programmes".

Professor Rachid Yazami and Singapore-based Eugene Tan (XentiQ Partners) elaborated on "How to market your innovation successfully", a topic closely linked to the question of scientific communication. Also in Singapore, Dr Sanna Fowler (EPHL) provided insights on "Science Communication".

It is important for researchers to be able to communicate not only with academia in their respective disciplines, but also with proposal evaluators, funding organisations and the broader public amongst others. To address this issue, Susanne Rentzow-Vasu (EURAXESS Links ASEAN) moderated the session "Science Communication: How to present your innovative ideas successfully", in Thailand. And as a way of going one step further in helping researchers expand their research beyond the walls of academia, the EURAXESS Science Slam finals were held following the conference in Thailand. This event encourages young researchers to use creative methods to make their research accessible for non-academic audiences, thus showcasing an interesting and innovative example of science communication.

The discussion on "Meet European Industry: Career Opportunities for Young Researchers", was dedicated to providing young researchers with the opportunity to learn about the requirements of industry in terms of research personnel, and how the research environment in the private sector differs from that of academia.

Moderator Chadamas Thuvasethakul from the National Science and Technology Development Agency addressed the question "How to Increase ASEAN-EU Researcher Mobility" in Thailand. In addition to the Marie Skłodowska Curie Action, the ASEAN Talent Mobility (ATM) Program and EURAXESS Links were discussed as opportunities to improve mobility between the two research areas.

Kitty Fehringer (European Commission) chaired the session on "Discover Europe: Funding and Fellowship Opportunities for ASEAN Researchers". Grantees from the Marie Skłodowska Curie Action, European Research Council and members of EURAXESS discussed current and future funding opportunities available, as the number of researchers from ASEAN benefiting from European funding and mobility programs has room to increase. The unique services provided by EURAXESS cater to researchers' needs at all stages of their career including jobs, funding and fellowship search, and offer a network of service centres to facilitate a move to Europe. After summarising the conference results, the organizers provided the possibility of networking during a reception.

For more information on the conference and the EURAXESS Links ASEAN Science Slam Finals, please visit: <u>EURAXESS Links ASEAN website</u>.



2 EURAXESS Links North America Activities

2.1 EURAXESS Science Slam 2014 - Videos online

You can now access all 5 videos from the EURAXESS Science Slam 2014 finals which took place at the MaRS Discovery District in Toronto, ON, Canada on 22 October 2014.

Our Slammers did a wonderful job. Again CONGRATULATIONS!!!

Videos

2.2 EURAXESS Links North America now on Twitter

We are happy to announce our newly created account on Twitter. From now on you will be able to follow us @euraxess_na. Please share your tips with us so we can enlarge the group of our followers and share our activities with all of those interested.

2.3 Collaboration EURAXESS Jobs and Science Careers

As of the beginning of November, the EURAXESS Jobs portal was officially interlinked with the AAAS – Science Career's portal for the exchange of job vacancies in science, research and innovation between Europe and the USA. This step is a great example of 'brain circulation' between the two continents.

3 News & Developments

3.1 EU and Member States

3.1.1 Carlos Moedas: The new face of research, science and innovation

On 22 October, the European Parliament gave its strong support to the new European Commission. Following the European Council's appointment, the new Commission took office on 1 November.

On the <u>Political Guidelines</u> presented in Strasburg in July, President Juncker stressed the importance of research and innovation (R&I) for job creation and economic growth. <u>International cooperation in research and innovation</u> was not forgotten by President Juncker that expects the European Union to confirm its position as a global actor.

<u>Carlos Manuel Félix Moedas</u> is the new European Commissioner for Research, Science and Innovation. Born in Beja (Portugal) in 1970, Commissioner Moedas holds a degree in civil engineering and a Master of Business Administration (MBA) from Harvard Business School. In 2011, Mr Moedas was elected to the Portuguese Parliament and appointed Secretary of State.







On the <u>hearing</u> on 30 September, the Commissioner answered the 45 questions from the European Parliament's Committee on Industry, Research and Energy (<u>ITRE</u>) committee members. In the opening statement, Commissioner Moedas set the three priorities for his mandate:

- to advance with the creation of the framework conditions that enable the full potential of European research, science and innovation;
- to ensure that Horizon 2020 is implemented in the most effective and efficient way;
- to defend the value of excellence in science and research.

To deliver on these three priorities, Commissioner Moedas considers that 'it is essential that we step up our engagement with the rest of the world by fostering science diplomacy and international cooperation'.

Previous to the hearing and answering a set of <u>written questions</u> posed by the European Parliament, Commissioner Moedas explained how his past experience was relevant for his new tasks: 'I spent 18 years working in different sectors, from environment, water supply and treatment, to the financial industry and real estate.'

Regarding his appointment, Commissioner Moedas said: 'I take this challenge with enthusiasm and confidence'. And added, in the closing remarks: 'If confirmed, I stand ready to place all my energy and all my skills at the service of research, science and innovation as the bedrock of sustainable growth in Europe and for all European citizens.'

Source: <u>European Commission – International Research Update</u>

3.1.2 Ebola response: EU scales up aid with planes, material aid and research support

The European Union and its Member States have now pledged more than €1 billion in response to the Ebola crisis in West Africa. This means, that the Union has already gone beyond the target set by the European Council on 24 October for €1 billion in assistance to stem the epidemic.

The EU is boosting its investment in Ebola research, sending more material aid and providing new capacity for medical evacuations of international aid workers.

This announcement comes just ahead of the mission of the European Union's Ebola Coordinator and Commissioner for Humanitarian Aid and Crisis Management Christos Stylianides and the Commissioner for Health, Vytenis Andriukaitis to the Ebola-affected countries in West Africa,

The European Commission, together with the European pharmaceutical industry, is launching a €280 million call for proposals to boost research on Ebola. This will help address the current epidemic and manage future outbreaks.

The European Commissioner for Research, Science and Innovation Carlos Moedas said: "The EU is determined to help find a solution to Ebola. We are putting our money where our mouth is and boosting EU research on Ebola with



an additional €280 million. With this funding from Horizon 2020 and our industry partners, we are stepping up the development of new vaccines and medications to help save lives around the world".

Read more (Source: European Commission)

3.1.3 HEALTH - Not a morning person? There may be a cure for that

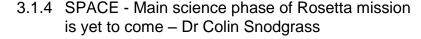
Drugs that could make you into a morning person or help shift workers to concentrate at night could become a reality thanks to fresh insights into how the body clock works at a cellular level.

It's all to do with circadian rhythms – the variation in our body's biological processes over a 24-hour period. The most obvious of these is the sleep-wake cycle, but most other physiological processes also oscillate over this time.

Up until about a decade ago, scientists believed that these cycles were controlled by one body clock, located in a part of the brain called the suprachiasmatic nucleus, but subsequent research revealed that every cell in our body contains a clock that regulates the timing of cellular activity.

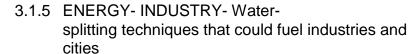
Now, investigations funded by the European Research Council (ERC) into how these cellular clocks work, and the relationship between them and the 'master' body clock in the brain, are yielding fresh insights into how our bodies keep time and what happens when things go wrong.

Read more (Source: HORIZON 2020 The EU Research & Innovation Magazine)



The Philae probe landing on comet 67P/Churyumov–Gerasimenko on 5 November was awe-inspiring, but the main science phase of Rosetta is yet to come, said Dr Colin Snodgrass, the coordinator of the mission's ground-based observation campaign and lead scientist on the EU-funded ISANDAL project, speaking from the European Southern Observatory in Chile.

Read more (Source: HORIZON 2020 The EU Research & Innovation Magazine)



New techniques to split water into hydrogen and oxygen are raising hopes of a clean, cheap energy source that could power everything from blowtorches to a city's electricity supply.

Researchers on the SafeFlame project are using standard mains electricity to split water into oxygen and hydrogen gases, and then recombining them at the tip of a blowtorch to make a flame. Because their torch generates its own fuel on demand, it removes the need for flammable gases such as acetylene that need to be stored in fuel cylinders and are dangerous to transport due to their explosive nature.

Read more (Source: HORIZON 2020 The EU Research & Innovation Magazine)



For all your bodily processes to work efficiently, every cell needs to run on time and synchronise with other cells in the body. Image: Shutterstock/Nastya Pirieva

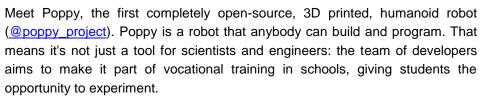


Already Rosetta has returned orders of magnitude more data than any other comet mission according to Dr Snodgrass. Image: ESA/ATG medialab

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Poppy was developed in France by Inria's Flowers team, which creates computer and robotic models as tools for understanding developmental processes in humans. Dr Pierre-Yves Oudeyer, who holds an ERC Starting Grant in Computer Science and Informatics, explains: "Very little has been done to explore the benefits of 3D printing and its interaction with computer science in classrooms. With our Poppy platform, we are now offering schools and teachers a way to cultivate the creativity of students studying in areas such as mechanics, computer science, electronics and 3D printing".



3.1.7 Nitrogen-neutrality – a step towards sustainability

In a recently published article, JRC scientist Adrian Leip and co-authors from Uganda, the US, Portugal and Tanzania propose a new indicator for nitrogen-neutrality that measures the nitrogen-footprint and its offsets, and demonstrate its potential by implementing it at an international conference in Uganda.

Read more (Source: Joint Research Centre)

3.1.8 MSCA Prize 2014: Here are the winners!

This month, in Trento (Italy), the European Commission has awarded three prizes to three MSCA fellows for having reached excellent results as Promising Research Talent, Communicating Science and Nurturing Research Talent.

The "Promising Research Talent" prize was assigned to Maanasa Raghavan, a 29-year-old researcher in paleogenomics. Maanasa has decrypted the genome sequence of a 24,000-year-old modern human, demonstrating all the characteristics to become a great scientist. Now she is working on important aspects of peopling of the Americas. Despite her young age, Maanasa has had many citations in leading scientific journals like Nature and Science.

The prize "Communicating Science" went to Shane Bergin, a 34-year-old former MSCA fellow now physics lecturer at Trinity College Dublin. Shane conceived an innovative campaign called "DARTofPhysics" that was run on the Dublin metro. The idea was simple but beautiful: "What if we could learn about physics commuting between home and work?" The researcher aroused commuters' interest in physics with a good dose of creativity. Currently, Shane is a regular contributor to a radio show for RTE focused on the impact of science and scientists in Ireland.

Last but not least, the European Commission has honoured with the prize for "Nurturing Research Talent" a 30-year-old researcher, Sarah Bohndiek, for being so dedicated to mentoring the next generation of researchers. Sarah, who





Dr Maanasa Raghavan: Reviving our ancestors' DNA



Dr Shane Bergin: When physics meets the daily commute to work





Dr Sarah Bohndiek: Instilling the passion for science in the new generation



Professor Fabiola Gianotti, the former spokesperson of the LHC's ATLAS experiment, explains that they will hunt for dark matter by looking for lost energy during collisions.

Startup Europe Partnership
Mapping the European "ICT Scaleups"

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Preliminary insights
November 2014

is group leader at the University of Cambridge and Cancer Research UK, holds an MSCA career Integration Grant and leads an international research team on the development of new techniques for imaging oxygen and oxidative stress in cancer. Passionate and enthusiastic, Sarah develops projects for school pupils and is remarkably active in promoting science as a career path.

The three winners received their prize certificates from the European Commission during the "Empowerment of the Next Generation of Researchers" conference of the Italian EU Presidency.

More information on the MSCA Prize 2014 here.

3.1.9 Surprise is the best reward for physicists – Prof. Fabiola Gianotti

The Large Hadron Collider (LHC), the world's biggest particle smasher, will look for known unknowns such as dark matter, but also for so-called unknown unknowns that researchers have little idea about. That is according to Professor Fabiola Gianotti, the newly appointed Director-General of CERN, the European Organization for Nuclear Research, which helped identify the Higgs boson.

Read more (Source: HORIZON 2020 The EU Research & Innovation Magazine)

3.1.10 Innovation could make a rapid difference to climate change – Dr Rajendra Pachauri

Energy efficiency and agriculture are two areas where EU research and innovation could make a significant impact on climate change, and major breakthroughs could happen in a very short period of time, Dr Rajendra Pachauri, the chair of the Intergovernmental Panel on Climate Change (IPCC), told Horizon following a meeting at the European Parliament in Brussels.

Read more (Source: HORIZON 2020 The EU Research & Innovation Magazine)

3.1.11 The European tech scaleup scene: the facts! A new study to map the European startup ecosystem and the most promising scaleups

Policy-makers, journalists, researchers but also actors of various startup communities including business accelerators and investors often operate with only fragmented datasets from the European startup domain. A new study, conducted in the framework of the Startup Europe Partnership (SEP) addresses this issue by gathering comparable data at European level.

During the past three years, the global venture capital arena has witnessed significant uptake of European startups securing their deals in the hope to become the next tech giants in their respective fields worldwide. The statistical evidence about the phenomena is still rather scarce and scattered across various sources presenting the subject in an unstructured and incomplete manner.

Read more (Source:Startup Europe Partnership)

Download the The Preliminary Study.



3.2 Canada

3.2.1 NRC launches quantum photonics technology program - New quantum technology solutions for cyber security, resource sensing and security sensing

As world photonics experts gather for the Schawlow-Townes symposium in Ottawa, the National Research Council of Canada (NRC) announces a new research program that will translate quantum photonics research into technology applications for Canada's future economy.

Quantum photonics is the use of quantum systems to make devices that deliver measurement and communication solutions which cannot be achieved through conventional photonics. Working with clients and partners, the Quantum Photonic Sensing and Security research program will deliver early stage disruptive technology development, including prototype quantum systems.

Applications will focus on quantum encryption capabilities, photonic sensing equipment for the efficient extraction and processing of natural resources, and the ability to detect hazards from a safe distance using laser technologies.

Read more (Source: National Research Council Canada)

3.2.2 Government of Canada announced support to grow competitive start-up businesses, high-quality jobs

Invest Ottawa, Wesley Clover and PARTEQ Innovations will provide services and support to start-up businesses in Ottawa and Eastern Ontario.

Royal Galipeau, Member of Parliament (Ottawa-Orléans), accompanied by the Honourable Ed Holder, Minister of State (Science and Technology), announced the Government of Canada's investment in Invest Ottawa, in collaboration with Wesley Clover and PARTEQ Innovations, to support Ottawa and Eastern Ontario's innovative businesses, enabling them to grow, prosper and create jobs.

Through the Canada Accelerator and Incubator Program (CAIP), Invest Ottawa and collaborators Wesley Clover, PARTEQ Innovations will receive up to \$7.7 million in funding over the next five years to provide local entrepreneurs with the resources and expertise needed to develop their business plan, seek follow-on financing, and establish new international markets for products and services. These organizations plays an important role in preparing early stage companies for successfully accessing investment capital and serves as an invaluable resource for entrepreneurs in developing competitive products and services, which support creating Canadian jobs at home.

Read more (Source: National Research Council Canada)

3.2.3 Investing in Emerging Aerospace Technology

Industry Minister James Moore, accompanied by Royal Galipeau, Member of Parliament for Ottawa-Orléans, today announced that ING Robotic Aviation in



Orléans will receive up to \$349,000 from the National Research Council of Canada Industrial Research Assistance Program (NRC-IRAP) to develop and assist in the commercialization of the next generation of unmanned aircraft systems in the 25 kg class.

ING Robotic Aviation develops and markets products that deliver airborne sensing solutions using drone technology in the 25 kg class. Its products are used for long-range and persistent data acquisition in the oil and gas and mining industries, by utility companies, and for precision agriculture, forestry, defence and public safety.

Read more (Source: National Research Council Canada)

3.3 United States of America

3.3.1 NSF awards \$1.35 million for new institute focused on Earth's critical zone: Where rock meets life

Scientists at observatories across the United States who study Earth's thin but life-sustaining veneer are getting new resources to answer questions with global implications.

Supported by a \$1.35 million grant from the National Science Foundation (NSF), researchers at 10 locations are working to improve understanding of Earth's critical zone.

The critical zone stretches from the tree canopy to deep groundwater. It's where rock, soil, water, air and living organisms interact to shape Earth's surface.

Research being done at the 10 NSF observatories, called Critical Zone Observatories (CZOs), is helping scientists forecast how Earth will react to changing climate and land use, important in a time when global population and demand for natural resources are expected to mushroom in coming decades.

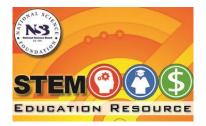
Read more (Source: NSF)

3.3.2 New and updated resource on STEM education, workforce - Users can explore trends spanning pre-k through careers

It just became a lot easier for educators, students, parents, policymakers and business leaders to learn more about national trends in education and jobs in science, technology, engineering and mathematics (STEM).

The National Science Board (NSB) released an interactive, online <u>resource</u> featuring new and updated data and graphics about STEM education and workforce in the U.S. and providing facts on topics such as student proficiency, college degrees in STEM fields, and jobs in science-related occupations.

Read more (Source: NSF)



NSB's new and updated interactive resource provides data and trends about STEM education and careers.
Credit: National Science Board



3.3.3 Archaeologists discover remains of Ice-Age infants in Alaska

The bones and teeth of two--possibly related--Ice-Age infants, who were buried more than 11,000 years ago in central Alaska, constitute the youngest human remains ever found in the North American Arctic, according to a new paper published by National Science Foundation-funded researchers.

Ben A. Potter of the University of Alaska Fairbanks led the archaeological team that made the discovery in late 2013 at an excavation of the Upward Sun River site. The researchers worked closely with local and regional native tribal groups as they excavated the site.

He and his colleagues argue that direct evidence in the form of teeth, bones and artifacts associated with the burial, as well as inferences from the evidence as to what time of year the children died and were buried, could lead to new thinking about how early societies were structured, how they viewed death and the importance of rituals associated with death and what stresses they faced in trying to survive.

Read more (Source: NSF)

3.4 Cooperation EU/Canada - EU/USA

3.4.1 Guide for Europeans to Canadian Science, Technology & Innovation Programs

This guide is intended to help European researchers and innovators identify and access opportunities for collaboration with their Canadian colleagues. The guide offers an overview of Canada's science, technology and innovation system and profiles Canadian science, technology and innovation programs that may be of interest to Europeans. Each program profile provides a brief description of the program and of the eligibility criteria for Europeans, as well as contact information for the program owner.

Download links:

Online version English [~ 150 KB]

Online version French [~ 150 KB]

Source: ERA-Can+

3.4.2 Enabling Drug Discovery: Quebec/France Joint Program

The main goal of the Quebec/France joint program is to strengthen biomedical research in Quebec, Alsace and Rhône-Alpes by aligning scientific resources and expertise. This collaborative program gives the opportunity for private and public organizations based in Quebec, Alsace and Rhône-Alpes to expand into new markets.

This program promotes creativity, innovation, multi-disciplinarity and collaborative efforts between academic institutions and private organizations [biotech/contract research organizations (CRO)].



Read more (Source: ERA-Can+)

3.4.3 Canada-EU Coordinated Call for Projects in Aeronautics Is Officially Opened

The Consortium for Aerospace Research and Innovation in Canada (CARIC) officially launched the first Coordinated Call for projects in aeronautics in coordination with the European Union. This call is the result of the CANNAPE (CANadian Networking Aeronautics Program for Europe) initiative.

The coordinated call for projects will enable industrial and academic stakeholders to widen their collaboration network. The selected projects are likely to receive up to 75% of the Canadian portion worth in public financial support.

Read more (Source: ERA-Can+)

3.4.4 Alumni Database for EU and U.S. partners to share their experiences

The Alumni Database gives the possibility to interested parties and especially to potential new applicants from the U.S., to learn from the experiences of previous successful applicants. If you have been a project coordinator or participant of an FP7 project with U.S. participation and you are interested to share your own experience the process is simple and straightforward.

Read more (Source: BILAT USA 2.0)

4 Grants & Fellowships

4.1 Europe

4.1.1 Marie Skłodowska-Curie actions



The Marie Skłodowska-Curie actions, named after the double Nobel Prize winning Polish-French scientist famed for her work on radioactivity, support researchers at all stages of their careers, regardless of nationality. Researchers working across all disciplines, from life-saving healthcare to 'blue-sky' science, are eligible for funding. The MSCA also support industrial doctorates, combining academic research study with work in companies, and other innovative training that enhances employability and career development.

In addition to generous research funding, scientists have the possibility to gain experience abroad and in the private sector, and to complete their training with competences or disciplines useful for their careers. More information about various funding schemes and requirements for applying is available here.

Open call:

- <u>H2020-MSCA-ITN-2015</u>

Deadline:13/01/2015





4.1.2 Marie Skłodowska-Curie actions: Pocket guide

Considering a doctoral degree? Looking for partnerships between academic and non-academic organisations or staff exchanges? Keen on outreach activities? There is a Marie Skłodowska-Curie action for you.

The EU's Marie Skłodowska-Curie actions fund all kind of opportunities for researchers from Europe and beyond. This starter booklet gives you the needed information to make the right first choice.

Guide available for downloading or on-line reading here.

4.1.3 Fulbright-Schuman Program

The Fulbright-Schuman Program, administered by the Commission for Educational Exchange between the United States and Belgium, is jointly financed by the U.S. State Department and the Directorate-General for Education and Culture of the European Commission. The program funds graduate and post-graduate study, research, and lecture proposals in the field of US-EU relations, EU policy, or EU institutions for interested American and EU citizens.

More information

4.1.4 European Research Council Grants



Researchers from anywhere in the world can apply for a European Research Council (ERC) grant to go to Europe and conduct research (for at least 50% of their working time). Currently over 300 ERC grantees out of nearly 4,000 are non-Europeans. Research teams set up by ERC grantees are highly international – an estimated 20% of team members are non-Europeans.

Open call:

- ERC Starting Grant | ERC-2015-StG

Deadline Date: 3 February 2015

- ERC Consolidator Grant | ERC-2015-CoG

Deadline Date: 12 Mar 2015

- ERC Proof of Concept | ERC-2015-PoC

Deadline Dates: 5 Feb 2015, 28 May 2015 and 1 Oct 2015

More information: European Research Council

4.1.5 Jean Monnet Postdoctoral Fellowships

The Robert Schuman Centre for Advanced Studies (RSCAS) offers one or twoyear fellowships to postdocs in an early stage of their academic career. Priority will be given to proposals that fit well with one or more of the Centre's core research themes: European Institutions, Governance and Democracy, Migration, Economic and Monetary Policy, Competition Policy and Market



About ERC

Set up in 2007 by the EU, the European Research Council is the first pan-European funding organization for frontier research. It aims to stimulate scientific excellence in Europe by encouraging competition for funding between the very best, creative researchers of any nationality and age. The ERC also strives to attract top researchers from anywhere in the world to come to Europe. It funds young, early-career top researchers ('ERC Starting grants'), already independent excellent scientists ('ERC Consolidator Grants'), and senior research leaders ('ERC Advanced Grants').



Regulation, Energy Policy and Climate Policy, Global Governance & International and Transnational Relations of the EU.

More information

4.1.6 EMBO: Fellowships

The European Molecular Biology Organisation (EMBO) brings together more than 1500 leading researchers within 27 Member states and promotes excellence in the life sciences.

Young scientists actively seek EMBO Long-Term Fellowships for postdoctoral research to fund and support their internationally mobile careers. The EMBO Long-Term Fellowships are awarded for a period of up to two years and support post-doctoral research visits to laboratories throughout Europe. International exchange is a key feature in the application process.

Hundreds of scientists also benefit each year from EMBO Short-Term Fellowships, returning to their home laboratories with new skills as well as contacts for future collaborations. They fund research visits of up to three months to laboratories in Europe. The aim is to facilitate valuable collaborations with research groups applying techniques that are unavailable in the applicant's home laboratory.

Deadlines: 13 February 2015 (Long-Term), rolling basis (Short-Term)

4.1.7 European Respiratory Society/EU RESPIRE2 postdoctoral Marie Curie Fellowship

ERS/EU RESPIRE2 postdoctoral Marie Curie Fellowship opportunities in the broad field of respiratory science, co-funded by the European Union. The programme is aimed at experienced researchers from any discipline and will help fellows to become the future leaders in respiratory research.

 3^{rd} and final round to be launched in early 2015.

More information

4.1.8 Erasmus+ joint Master Degrees

Scholarships for 116 different Joint Master Degree programmes starting in September 2015. Between 13 and 20 student scholarship holders and 4 invited scholars/guest lecturers per intake can take part. Find out more about Joint Master Degrees here as well as the list of participating universities here.

4.1.9 2015 Erasmus+ call for proposals

Open to any public or private body active in the fields of education, training, youth and sport may apply for funding within the Erasmus+ Programme. See the Erasmus+ Programme Guide for the 2015 General Call for Proposals for detailed conditions for participating in the call for proposals, as well as information on the priorities for funding. It constitutes an integral part of the 2015 Erasmus+ Call for Proposals. Depending on the action and thematic line, deadlines vary from 4 February 2015 to 1 October 2015.



About **EMBO**

Incoming / outgoing

Long term: the receiving institute or the applicant's nationality must be from one of the <u>EMBC Member State</u>.

Short-Term Fellowships are awarded for exchanges between two laboratories in different countries, one of them being an EMBC Member State. On completion of the fellowship applicants must return to their home laboratory for at least six months.



4.1.10 National EURAXESS portals

The latest information on open calls for national grants and fellowships in the 40 member countries of the EURAXESS network can be accessed on the respective national EURAXESS portal.

Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Faroe Islands, Finland, France, FYRoMacedonia, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Malta, Moldova, Montenegro, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK.

Besides providing information on funding opportunities for incoming international and European researchers, staff at the EURAXESS Service

Centres offer individual assistance on all aspects of researcher mobility.

4.2 EU Member States and Associated Countries

4.2.1 Austria: DART – Doctoral Program in Accounting, Reporting, and Taxation

DART, the program in Accounting, Reporting, and Taxation. DART is a doctoral program of excellence in accounting, located in Graz and Vienna, Austria. Its main activity is PhD level education. DART faculty members are very well connected within the international accounting community. DART offers a stimulating learning and research environment plus financial support to outstanding students from around the world. DART graduates can look forward to a rewarding career at leading academic institutions and in specialist areas of accounting practice.

The deadline for applications is March 31st, 2015.

More information

4.2.2 Austria: Erwin Schrödinger Fellowship including a return phase

Fellowships for the promotion of scientific work at leading foreign research institutions that facilitate access to new scientific areas, methods, procedures and techniques so as to contribute – following return to Austria – to the further development of science in Austria. **Target group**: Young and especially highly qualified scientists of any discipline **Length**: 10 to 24 months without return phase respectively 16 to 36 months including return phase (return phase = 6 to 12 months) **Applications accepted continuously, no application deadlines**

More information

4.2.3 Austria: Ernst Mach Grant – worldwide

The Ernst Mach Grants are named after the famous Austrian physicist and philosopher Ernst Mach (1838-1916). The grant program is financed by the Austrian Federal Ministry of Science, Research and Economy (BMWFW). Students and young researchers from foreign universities are invited to apply for this grant to come to Austria for a research or a study stay. Every year a board of representatives of the Austrian Ministry awards the Ernst



Mach Grants based on the results of an expert examination procedure. Age limit for this grant program is 35 years at the time of the application.

Deadline: March 1st, 2015 for stays during the following academic year.

More information

4.2.4 Austria: Franz Werfel Grant

Franz Werfel, who was born 1890 in Prague and died 1945 in California, is one of the most famous representatives of Austrian Literature. Therefore the Franz Werfel Grant addresses itself to young university teachers whose work focuses on Austrian Literature. The grant programme, which was initiated in 1992, is open to applicants from all over the world. Recipients of Werfel grants can work as visiting researchers at university departments and carry out specialist studies in libraries, archives or at research institutions.

This grant does not only offer material support for up to 18 months but through follow-up support also guarantees sustainability.

Closing date for application: March 1st and September 15th (new)

More information

4.2.5 Austria: GROW – Graduate Research Opportunities Worldwide

GROW is a programme for supporting the international exchange of doctoral candidates from the USA jointly offered by the US National Science Foundation (NSF) and partner organisations worldwide. It offers doctoral candidates who are funded by the NSF in the framework of its Graduate Research Fellows Program (GRFP) to make research stays at scientific institutions in partner countries. The FWF in 2014 has joined this cooperation. FWF finances the salary of US doctoral candidates for the time of their research stay in Austria. All scientists who have received FWF project funding (including SFB project part leaders and DK faculty members) in the last 5 years (since January 2010).

Deadline for doctoral candidates and hosts: 15 December 2014

More information

4.2.6 Austria: Lise Meitner Program for Scientists from Abroad

Target group: Highly qualified scientists of any discipline who could contribute to the scientific development of an Austrian research institution by working at it. Requirements: completed doctoral studies, international scientific publications, no age limit, invitation from an Austrian research institution.

No deadline – call constantly open.

More information

4.2.7 Austria: IST PhD Program

The Graduate School of IST Austria allows students to earn a PhD degree. It is open to applicants from all over the world holding either a Bachelor or Master



degree (or equivalent). All participants are selected in an annual, institute-wide admissions procedure that assesses their research potential.

WHO ? Open to highly qualified students from all disciplines of the natural sciences, mathematics, computer sciences and any related interdisciplinary areas. Applicants must hold a Master's or Bachelor's degree or anticipate the completion of the degree before September 2015. Participating students are expected to be proficient in written and oral English. Students admitted to the program will be offered employment contracts at IST Austria and will receive a salary with full social security coverage. Entering students holding a Master's degree will have four-year contracts, and students holding a Bachelor's degree, five-year contracts. Deadline: **15 January 2015**

More information

4.2.8 Austria: IST FELLOW*: Call for Postdoctoral Fellows

Are you a talented, dynamic, and motivated scientist looking for an opportunity to conduct research in the fields of BIOLOGY, COMPUTER SCIENCE, MATHEMATICS, PHYSICS, or NEUROSCIENCE at a young, thriving institution that fosters scientific excellence and interdisciplinary collaboration?

Apply to the IST Fellow program

Applications are accepted at any time for the IST FELLOW program, but fellows will be selected twice a year in October and April. The application deadlines for each selection are the **15th of September** and the **15th of March**, respectively.

More information

4.2.9 The Austrian Science Fund and funding categories

The Austrian Science Fund (FWF) is Austria's central funding organization for basic research.

The purpose of the FWF is to support the ongoing development of Austrian science and basic research at a high international level. In this way, the FWF makes a significant contribution to cultural development, to the advancement of our knowledge-based society, and thus to the creation of value and wealth in Austria. One of the FWF's most important goals is to promote the internationalisation of basic research in Austria by taking special organisational measures, creating suitable framework conditions, and offering concrete funding instruments for this purpose.

More information

4.2.10 Austria: Marietta Blau Outgoing Grant

The Marietta Blau Grant offers financial support for carrying out the abroad part (6-12 months) of a doctoral programme at Austrian universities. The grant enables scientific research worldwide. The grant is for highly qualified doctoral



^{*} IST FELLOW is partially funded by the European Union



candidates in all research fields enrolled at an Austrian university. It specifically funds longer term research stays abroad and experience in an international

research environment with monthly grants of EUR 1200. The next closing date for application is **1st of February 2015**.

Further details available here.

4.2.11 Austria: Richard Plaschka Scholarship

The grant is named after the Austrian historian, who died in 2001 and who worked at the University of Vienna as a university professor for Eastern European history from 1967 to 1993. In 1981/1982 he was the rector of the University of Vienna. Moreover he was the head of the Austrian East and Southeast Europe Institute from 1958 to 1988. Throughout his life Richard Plaschka committed himself to a cross-border and joint way dealing with the history in the eastern and south-eastern European area. The grant recipients should place emphasis on cross-border collaboration in their scientific activities.

Applications are open to university lecturers of history whose main focus of academic interest is Austrian history. Recipients of Plaschka grants can work as visiting researchers at university departments and carry out specialist studies in libraries, archives or at research institutions.

Grants are awarded for up to 18 months; follow-up support is scheduled for grant recipients who have consumed at least 12 scholarship months.

Deadline: March 1st and September 15th (new)

More information

4.2.12 Austria: Vienna Graduate School of Economics

The grant of the Austrian Science Fund (FWF) allows VGSE to offer attractive fellowships to the best applicants. VGSE is highly selective with all types of students. Students who receive a full fellowship scored highest on the selection criteria. The criteria we use to select students can be found under <u>application</u>. The application for the program automatically includes the application for a fellowship.

Deadline: January 31st and April 30th

More information

4.2.13 Austria: Young Scientists Summer Program at IIASA

The International Institute for Applied Systems Analysis IIASA's annual 3-month Young Scientists Summer Program (YSSP) in Austria offers research opportunities to talented PhD students whose interests correspond with IIASA's ongoing research on on issues of global environmental, economic and social change. The program offers a wide range of scientific events, including both social and natural sciences, often with important policy dimensions. On-line applications. **Deadline: 12 January 2015**.



4.2.14 Belgium: first "MOVE-IN LOUVAIN" call for incoming post-docs

UCL (Université catholique de Louvain) and two partner institutions (Université Saint-Louis and Université de Namur) also based in Belgium launched a call within the new "MOVE-IN LOUVAIN" project, co-financed by the Marie Curie Actions of the European Union. This new project, which is targeted at incoming researchers, aims at reinforcing the international dimension of the three partner institutions by supporting highly-qualified postdocs from abroad. The scheme is based on a bottom-up approach as all research fields are eligible(Sciences and Technology, Humanities and Social Sciences, and Health Sciences). The ultimate ambition is to build scientific and technological (S&T) collaborations and long-lasting networks between the respective research teams.

Deadline: 1 January 2015

More information

4.2.15 Belgium: Fonds de la Recherche Scientifique Brief Outgoing Fellowships

This funding is devoted to researchers working in a university of the Wallonia-Brussels Federation who would like to go abroad for a short stay to acquire new knowledge. Various research fields. All nationalities. **Deadline/Request 3 months prior to the stay outside Europe**.

More information

4.2.16 Belgium: Research Foundation Flanders (FWO) International Mobility

The FWO encourages mobility among researchers and international contacts between research groups. For this purpose, FWO offers different possibilities to researchers to go abroad and to build international networks.

More information

4.2.17 Czech Republic: Office of Naval Research: Visiting Scientist Program (VSP)

VSP is designed to facilitate visits by foreign technologists with Department of the Navy counterparts for the purpose of collaboration. The visits are typically to the United States, but can be to non-U.S. locations of special interest to the Department of the Navy science and technology community. Along with Liaison Visits, the Science & Technology Insertion Program is part of a process to develop international collaborations. Requests should be received at least eight weeks in advance of the proposed visit.





4.2.18 Croatia: Ministry of Science, Education and Sport: New International Fellowship Mobility Programme for Experienced Researchers in Croatia (NEWFELPRO)

The project is co-financed through the Marie Curie FP7-PEOPLE-2011-COFUND program. Its total value is 7 million euros, out of which 60% is financed from national sources. Project duration is from 2013 until 2017.

NEWFELPRO allows applicants to freely apply within any scientific area of their choice and fellows/grants are assigned only on the basis of excellence and quality of research projects. Fellows shall sign an employment contract in accordance with national regulations and their engagement shall also be in line with the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers. Host institution will be responsible for committing a stimulating environment and adequate infrastructure, equipment and consumables required to implement the project.

Third call is open at the moment with closing date **31 December 2014 at 12.00 a.m. CET.** Call is open only for incoming and reintegration schemes, i.e. for foreign researchers wishing to come to Croatia. There are 12 available fellowships within the incoming scheme and 3 within the reintegration scheme. The earliest starting date of the research project is 1 July 2015.

More information

4.2.19 Denmark: Ministry of Higher Education and Science: PhD scholarships outside the universities

The Danish Council for Independent Research invites proposals for PhD scholarships to be carried out at Danish research institutions outside the universities.

More information

4.2.20 Estonia: Scholarships

The Estonian Government offers a number of scholarships intended for university students, researchers or lecturers for studying and doing research at Estonian public universities and institutions. Mostly scholarships are for the master's degree or doctoral degree, but some bachelor degree scholarships are also possible.

More information

4.2.21 Finland: CIMO Fellowships



The CIMO Fellowships programme is open to young doctoral level students and researchers from all countries and from all academic fields. Master's level studies or postdoctoral studies/research are not supported in the programme.

There are no annual application deadlines in the CIMO Fellowship programme. Applications may be considered at all times. However, please note that applications should be submitted at least 5 months before the intended



scholarship period. Decisions will be made within approximately 3 months after receipt of application.

More information

4.2.22 Finland: Säätiöiden post doc - pooli - the Foundations' Post Doc Pool

Säätiöiden post doc -pooli ("the Foundations' Post Doc Pool") is a grant resource set up by Finnish foundations and intended for postdoctoral research abroad.

The Pool's aim is to make Finnish research more international by offering young scholars flexible funding from one source that covers all expenses of a research period abroad for at least one academic year.

Säätiöiden post doc -pooli has two application rounds per year. The spring application round takes place in December-January and the autumn application round in August-September.

The pool grants are intended only for sending researchers abroad from Finland. The pool grants are not intended for subsidizing researchers' mobility from other countries to Finland.

More information

4.2.23 France: Overview of research exchange programs US – France

The Office for Science and Technology (OST) located in the French Embassy to the United States (Washington D.C.) regularly updates an overview of research exchange programs addressing all categories of researchers in various areas. A specific section of the OST website contains current calls for proposals, career opportunities, and information on French higher education programs.

Download the <u>USA to France Research Exchange Programs booklet in PDF format</u>.

Open Calls for Proposals here.

France-Stanford: 2015-2016 call for proposals

The France-Stanford Center for Interdisciplinary Studies, founded in partnership with the French Ministry of Foreign Affairs, aims to bridge the disciplines of the Humanities, Social Sciences, Sciences, Engineering, Business and Law, addressing historical and contemporary issues of significance (...)

Deadline: March 16, 2015

Chateaubriand Fellowships: Call for Applications 2015-2016

The Chateaubriand Fellowship in Science, Technology, Engineering & Mathematics (STEM), offered by the Embassy of France in the United States, Office for Science and Technology, aims to initiate or reinforce collaborations, partnerships or joint projects by encouraging exchange at the (...)

Deadline: January 20, 2015



Eiffel Excellence Scholarship Program - Call for application 2014

The Eiffel Excellence Scholarship Program was established to enable French higher education establishments to attract top foreign students to enroll in their master's and PhD courses.

Deadline: January 9, 2015

More information

4.2.24 France: 15 Postdoctoral Fellowships on Biology and Information Technologies

Call for applications launched by the French Atomic and Alternative Energies Commission (CEA).

WHAT? 2 years post-doctoral fellowships on:

- Genetics and Personalized Medicine
- Functional Imaging of Plants
- 3D cell culture Imaging
- Engineered Protein based Materials

Working language is English and knowledge of French language is not necessary. The host Institutes are located in Grenoble, Cadarache and Paris-Saclay.

WHO? open to PhD in physics, informatics, biology, chemistry or engineering of all nationalities

No specific deadline: The positions are open until they filled by appropriate candidates. Applicants are selected in a competitive process.

More information

4.2.25 Germany: RISE professional 2015 - Internships with German companies

RISE professional - Research Internships in Science and Engineering - gives recent graduates, Master and PhD students in the fields of Biology, Chemistry, Engineering, Geology and Physics a unique opportunity to gain practical, career-building experience working in a German company for the summer.

Good research relies on cooperation, and international teamwork is becoming increasingly important. This means that scientists and engineers with international experience are increasingly sought after in both business and industry. The number of truly exciting professional work programs abroad for students in the sciences and engineering is still far too small. Because of this DAAD set out to create unique opportunities for science and engineering students from the United States and Canada interested in gaining serious practical experience in Germany.

Recent graduates, Master and PhD students from North American universities in the fields of biology, chemistry, engineering, geology and physics (or a closely related field) and students from Coop programs are invited to apply.





Undergraduates who are RISE alumni or former DAAD scholarship holders are also eligible. German language requirements depend on the nature of the internship.

The internship database is open now from December 6, 2014 to January 31, 2015. Applications must be submitted until January 31, 2015.

More information

4.2.26 Germany – Canada: Joint Funding Opportunity by the Canadian Space Agency and the German Aerospace Center

The Canadian Space Agency (CSA) and the German Aerospace Center (DLR) announced an opportunity in their Earth Observation Applications Development Program. Follow the links for

funding information at the Canadian Space Agency

funding information at the German Space Administration (in German)

4.2.27 Germany: Alexander von Humboldt Foundation: German Chancellor Fellowships for Prospective Leaders

The Alexander von Humboldt Foundation offers prospective leaders from Brazil, China, India, Russia and the USA the opportunity to conduct a project as guests of the partner of their choice in Germany.

With the support of their hosts, the fellows can spend a year concentrating on a project of their choice and give their career a boost. German Chancellor Fellowships are open to an array of sectors such as politics, public administration and business, as well as society and culture.

Next deadline: 15 March 2015

More information

4.2.28 Germany: DLR-DAAD Research Fellowships in the fields of Space, Aeronautics, Energy and Transportation Research

DLR- DAAD Research Fellowships is a new programme implemented by the 'Deutsches Zentrum für Luft- und Raumfahrt' (DLR - German Aerospace Center) and the 'German Academic Exchange Service' (DAAD).

This special programme is intended for highly-qualified **foreign doctoral and postdoctoral students** as well as **senior scientists**. DLR-DAAD Fellowships offer outstanding scientists and researchers the opportunity to conduct special research at the institutes of the DLR in Germany.

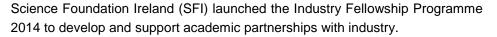
DLR-DAAD Fellowships are defined and awarded on an individual basis. Each fellowship announcement will indicate the specific qualification requirements and terms of the visit. The current offers are published under DLR-DAAD Fellowships - Current Offers on the homepages of the DAAD and the DLR.



Currently there are open positions in Aeronautics; Space; Transportation; Energy. The application deadline depends on the offer.

More information

4.2.29 Ireland: Science Foundation Ireland (SFI) Industry Fellowship Programme 2014



The purpose of the Industry Fellowship Programme is to **facilitate exchanges between academia and industry as a means** to stimulate excellence through knowledge transfer and training, thereby building critical mass in areas of strategic importance for Ireland and enabling economic and societal challenges to be tackled.

Fellowships can be awarded to academic researchers wishing to spend time in industry worldwide and to individuals from industry anywhere in the world (including Ireland) wishing to spend time in an eligible Irish Research Body.

Fellowships can be for between 1 and 12 months in duration, if full time or for up to 24 months, if part time. The maximum Industry Fellowship award amount is EUR 120,000 direct costs.

Proposals can be submitted at any time, but the deadline for the proposal to be evaluated during the next assessment round is **10th December 2014**.

More information is available on the **SFI** website.

4.2.30 Lithuania: Lithuanian Research Council: Postdoctoral Fellowships

Researchers from Lithuania and abroad who have been awarded a Ph.D. degree within a period of 3 years can apply for Postdoctoral Fellowships. Any higher education institution, research institute, research center or other research establishments and enterprises in Lithuania can act as a host institution.

More information

4.2.31 Luxembourg: National Research Fund (FNR): ATTRACT 2015

The ATTRACT programme by the National Research Fund (FNR) aims to support Luxembourgish research institutions to expand their competences in strategic research areas, by attracting outstanding young researchers with high potential to Luxembourg.

The programme is designed for researchers not yet established in Luxembourg; it offers them the opportunity to set up an independent research team within a public-sector research institution in Luxembourg that is willing to host them. Research proposals should be submitted jointly by the candidate and the host







institution, which has to provide a clear and attractive career track to the candidate.

Next deadline: **12 January 2015** (Joint Submission by the candidate and the Luxembourg host research institution of a pre-proposal).

More information

4.2.32 Luxembourg: National Research Fund (FNR): INTER Mobility: Call for Proposals 2015

The aim of the INTER Mobility Programme is to promote the scientific exchange between research groups of the Luxembourg public research institutions and research groups abroad in order to foster innovative, internationally competitive research and support the exchange of key knowledge and technological knowhow.

Next deadline: 20 January 2015

More information

4.2.33 Malta: University of Malta: Junior Research Fellowships

Junior Research Fellowships are available as part of the Educational and Cultural Affairs Fellowships. Open to doctoral students and recent Ph.D. recipients who are U.S. citizens.

More information

4.2.34 Netherlands: Netherlands Organisation for Scientific Research (NWO):): Innovation Research Incentives Scheme (Veni)

The Innovational Research Incentives Scheme offers personal grants to talented, creative researchers. The funding enables applicants to do their own line of research. This boosts innovative research and promotes mobility within scientific research institutes.

Next deadline: 6 January 2015

More information

4.2.35 Netherlands: Netherlands Organisation for Scientific Research (NWO): Visitor's Travel Grant

Researchers in the Netherlands can apply for a visitor's grant for highly qualified senior researchers from abroad who hold a PhD. With this grant these researchers can stay in the Netherlands for a maximum of four months.

Next deadline: Continuous application



4.2.36 Netherlands: Netherlands Organisation for Scientific Research (NWO): Graduate Research Opportunities Worldwide (GROW)

The best PhD students from NSF's Graduate Research Fellowship Program (GRFP) can do 3 to 12 months of research abroad thanks to GROW.

GROW is a collaboration between the National Science Foundation (NSF) in the United States and 12 partner countries.

More information

4.2.37 Norway: Fulbright Norway: The US-Norway Fulbright Grant Program

The U.S.-Norway Fulbright Foundation offers a range of mobility scholarships to students and researchers for stays with Norwegian and American host organizations.

More information

4.2.38 Poland: Foundation for Polish Science: KOLUMB – supporting grants

Programme-supporting grants is an additional offer to KOLUMB programme laureates (for those who participated through the 2009 edition). The aim of the grant is to enable young researchers to take full advantage of gained knowledge and skills during further work in Polish research institutions.

Applications accepted on a rolling basis.

More information

4.2.39 Poland: Foundation for Polish Science: IDEAS FOR POLAND

The objective of the program is to encourage young, brilliant researchers from all over the world to choose Poland as the place to carry out their research projects submitted for the ERC competition. The program is designed for people whose previous scientific record demonstrates that they are highly independent as researchers, and warrants that they will conduct world-class quality research.

Applications accepted on a rolling basis.

More information

4.2.40 Slovakia: Slovak Academic Information Agency (SAIA): USA – The Fulbright Specialists Program (Teaching/research stays for 2-6 weeks)

Next deadline: rolling basis







4.2.41 Slovakia: SAIA: Society in Science – The Branco Weiss Fellowship (Postdoctoral Research Fellowships)

Society in Science fellows can expect financial support for up to five years, as well as the opportunity to work at any academic institution of their choice throughout the world. The fellows belong to a diverse, dedicated and intellectually stimulating group. They meet at least once a year to present and discuss their research projects to scientific and public audiences.

Next deadline: January 2015

More information

4.2.42 Sweden: The Swedish Research Council Formas: Young Scientists Summer Program at IIASA – International Institute for Applied System Analysis

IIASA's annual 3-month Young Scientists Summer Program (YSSP) in Austria offers research opportunities to 50-55 talented PhD students whose interests correspond with IIASA's ongoing research on real life global issues such as climate change, energy, food & water, economics, and poverty. The program offers a wide range of scientific events, including both social and natural sciences, often with important policy dimensions.

Online applications for the 2015 program will be accepted from 1 October 2014 until 12 January 2015.

More information

4.2.43 Sweden: VINNOVA: VINNMER Marie Curie Incoming Fellowship

The purpose of this call is to support experienced researcher careers through mobility and international collaborations.

Next deadline: **17 March 2015** (called opened on 17 September 2014)

More information

4.2.44 Turkey: TÜBITAK: Fellowships for Visiting Scientists and Scientists on Sabbatical Leave



In order to contribute to the improvement of human resources and the research in Natural Sciences, Engineering and Technology, Medical Sciences, Social Sciences and Humanities (*) at universities, research institutions and inindustry in TURKEY, eminent scientists/researchers are supported to visit to Turkey by giving seminars/conferences/lectures, or doing R&D activities.

Next deadline: applications are accepted on a rolling basis



4.2.45 United Kingdom: BBSRC: International Scientific Interchange Scheme (ISIS)

The aim is to help scientists add an international dimension to their BBSRC funded research by making and establishing new contacts with international counterparts.

Next deadline: the call is currently OPEN - apply any time

More information

4.2.46 United Kingdom: RCUK & NSF/SBE: Co-lead Agency Agreement PILOT

The Arts and Humanities Research Council of the UK and the US National Science Foundation have been collaborating in support of research of mutual interest for several years. A Memorandum of Understanding is in place to encourage interdisciplinary research and facilitate the peer-review and joint-funding of USA-UK collaborative research in areas at the intersection of the two agencies' missions.

Next deadline: See agreement for details

More information

4.3 United States of America

4.3.1 International Collaborative Research Grants -The Wenner-Gren Foundation for Anthropological Research, Inc.

The International Collaborative Research Grant (ICRG) supports international research collaborations between two or more qualified scholars, where the principal investigators bring different and complementary perspectives, knowledge, and/or skills to the project. Supplemental funds are also available to provide essential training for academic research participants in ICRG-funded projects (co-applicants, students, as well as other professional colleagues). By encouraging international collaborations, the grant contributes to the development of an international anthropology that values and incorporates different national perspectives and resources. By providing training funds, the grant helps to build capacity in countries were anthropology may be underresourced.

The grants are for a maximum of \$30,000 for the research project. Proposals which include the optional training element can have an increased funding request up to a maximum of \$35,000, of which no more than \$10,000 can be for essential training purposes. Principal Investigators must hold a doctorate or equivalent in anthropology or a related discipline.

Applicants must submit application materials using the Foundation's online application submission procedure as well as send printed copies of these materials to the Foundation by regular mail.

The Wenner-Gren Foundation



Application deadlines for International Collaborative Research Grants are June 1 and December 1. The June 1 deadline is for applicants requesting funding starting in January through June of the following year. The December 1 deadline is for applicants requesting funding starting in July through December of the following year.

Final decisions are made six months after the application deadlines.

Questions about this program should be e-mailed to: internationalprograms@wennergren.org

For more detailed information on eligibility, requirements and application procedures, please refer to the <u>link</u>.

4.4 Databases and Further Information

4.4.1 Austria: Database of scholarships and research grants available

Austria's most comprehensive database for scholarships and research grants in German and the English language offers an overview of about 1,200 funding opportunities for incoming and outgoing researchers, graduates and students.

More information

4.4.2 Austria: Information from the Office of Science & Technology in Washington D.C.

"Building bridges of knowledge and expertise between Austria and North America" - this is the mission of the Office of Science & Technology (OST) at the Embassy of Austria in Washington, D.C. The OST is the strategic interface in the sciences, research, and research policy between Austria and North America. OST staff can inform you on most relevant funding opportunities in Austria.

4.4.3 Belgium: a comprehensive webportal

Calls for proposals are published all through the year on the Belgian Federal portal for research and innovation.

Further information

4.4.4 Canada: ERA-Can+ Project - Promoting Canada-EU research

The ERA-Can+ project helps you to identify funding opportunities in Canadian Programs, as well as funding opportunities in Europe for Canadian researchers.

More information

4.4.5 Canada: Government of Canada - International scholarship

Canada is committed to participation in international study and research partnerships, which build understanding among peoples, develop global citizens and leaders, and contribute to the development of nations.



<u>For Canadians</u>: Learn about opportunities for graduate study and research abroad.

<u>For Non-Canadians</u>: Learn about opportunities for study and research in Canada.

4.4.6 Cyprus: the Research Promotion Foundation

The Research Promotion Foundation (RPF) promotes the development of scientific and technological research in Cyprus. The RPF has established a list of research stakeholders, some offering funding opportunities.

More information

4.4.7 Denmark: Funding programmes for research and innovation and Danish Innovation Centre in the USA

The Danish Ministry of Science, Innovation and Higher Education has published an exhaustive <u>guide</u> to Danish funding programmes. Innovation Centre Denmark, Silicon Valley, provides you with information about Danish research environment and funding opportunities.

More information

4.4.8 Estonia: Estonia Research portal

Estonian Research Portal is the public section of the Estonian Research Information System. It gives an overview on various aspects of Estonian R&D including funding opportunities.

More information

4.4.9 Finland: Key links to Finnish funding agencies and opportunities

Funding for scientific research in Finland comes predominantly from private companies and the government. Other important sources of funding include various funds and foundations. Here are some of the biggest <u>funding agencies</u>.

4.4.10 France: Find your PhD with the new website "PhD in France"

This website presents French PhD offers on one platform and is open to all foreign students.

This site aggregates the offers of the laboratories and universities in France. It helps in making research simple for all foreign and English-speaking students wishing to pursue a PhD in France.

For the majority of the scientific doctorates, the student gets a 3-year employment contract for a gross amount of approximately EUR 1,700 / month (1300 EUR net).



4.4.11 Germany: Funding and resources opportunities for graduate and doctoral students, postdocs and faculty and researchers

The German Center for Research and Innovation based in New York compiles all existing funding and resources opportunities for graduate and doctoral students, postdocs and faculty and researchers.

More information

4.4.12 Ireland: Research opportunities

The Irish Research Council (IRC) manages a suite of inter-linked research schemes, funding scholars at various career stages, from postgraduate study to senior research project-based awards. For early stage researchers these include the Gov. of Ireland Postgraduate scholarships and Gov. of Ireland Postdoctoral Fellowships, which fund research at pre- and postdoctoral levels, and the Research Project Grants Scheme, which allows researchers and research teams to expand their activities into new research areas by way of stimulus project grants and knowledge transfer initiatives. The IRC manages and monitors all awards funded under these schemes on a bi-annual basis.

More information

4.4.13 Netherlands: EURAXESS Jobs portal: Overview of Dutch Fellowships and Grants

More information

4.4.14 UK: EURAXESS Jobs portal: Individual Fellowship Opportunities

More information

EURAXESS National Fellowships&Grants

4.4.15 US: National Science Foundation - Science Across Virtual Institutes (SAVI)

Science Across Virtual Institutes (SAVI) is a mechanism to facilitate collaboration among teams of NSF-supported U.S. scientists and engineers and their international partners who have complementary strengths and common interests and who wish to form virtual institutes to foster enhanced research collaboration; data sharing; networking; and technical exchanges of students, postdocs, and junior faculty across borders.

More information

See the list of the International Funding Opportunities at NSF:

http://www.nsf.gov/od/iia/ise/index.jsp



5 Jobs

5.1 EURAXESS Portal

There are currently about 5,500 research jobs and fellowship programmes (all over Europe, but also in other countries such as in the USA/Canada, and in all disciplines) accessible via the <u>EURAXESS Jobs</u> database.

Check out the latest jobs offered on the portal or search positions by keyword, research profile, country or field.

Online Jobs and Fellowships on the EURAXESS Links North America website. Research organisations (public and private) can upload their job vacancies located in Canada and the US. It is free of charge.

5.2 Other Research Career Sites

5.2.1 Canada

Career opportunities in Canada: <u>National Research Council Canada</u> and careers

5.2.2 Europe

Find A Postdoc: http://www.findapostdoc.com/

Find Scholarships in Europe: http://www.scholarshipportal.eu/

Find PhDs in Europe: http://www.phdportal.eu/

Career.edu: http://www.career.edu/index.php

Academic Jobs EU: http://www.academicjobseu.com

Euro Science Jobs: http://www.eurosciencejobs.com/

The European Job Mobility Portal: http://ec.europa.eu/eures/home.jsp?lang=en

Careers with the European Union: European Personnel Selection Office

(EPSO)

Careers with the European Union (EPSO), Non-permanent Posts

EuroBrussels: http://www.eurobrussels.com/

5.2.3 USA

AAAS support: Science careers from the Science journal

The Chronicle of Higher Education Careers Service: http://chronicle.com/jobs/

NSF guidance of funding opportunities for <u>Graduate students</u>

NSF guidance of funding opportunities for Postdoctoral fellows

Funding opportunities at researchusa.com



6 Events

6.1 Europe: Forthcoming events

Event	When	Where	Organized by	Link to the event
Global Soil Biodiversity Conference	2-5 December 2014	Dijon, France	Global Soil Biodiversity Initiative & EcoFINDERS	<u>Link</u>
65 th Lindau Nobel Laureate Meeting	28 June – 3 July 2015	Lindau, Germany	Lindau Institutions	<u>Link</u>
Fast Track to Innovation Pilot (2015- 2016)	9 January 2015	Brussels, Belgium	European Commission	<u>Link</u>
EU-US Innovation Conference	14-15 January 2015	Brussels, Belgium	BILAT USA 2.0	<u>Link</u>
EXPO Milano 2015	1 May – 31 Oct 2015	Milan, Italy	Expo 2015	<u>Link</u>

6.2 North America: Forthcoming events

Event	When	Where	Organized by	Link to the event
ASCB Annual Meeting	6-10 December 2014	Philadelphia, PA, USA	The American Society for Cell Biology	<u>Link</u>
2014 AGU Fall Meeting	15-19 December 2014	San Francisco, CA, USA	American Geophysical Union	<u>Link</u>
Information sessions on European Funding Opportunities	14-16 January 2015	University of Chicago, Chicago, IL, USA	EURAXESS Links NA and local partners	
Destination Europe Conference	12 February 2015	San Jose, CA, USA	European Commission, Member States	<u>Link</u>
AAAS Annual Meeting	12-16 February 2015	San Jose, CA, USA	American Association for the Advancement of Science	<u>Link</u>
European Student Conference 2015	13-14 February 2015	Yale University, CT, USA	Erasmus+	<u>Link</u>
Global Innovation Week + Summit	16-20 February 2015	Silicon Valley, San Jose, CA, USA	Global Innovation Summit Team	<u>Link</u>
MIT European Career Fair	21 February 2015	Cambridge, MA, USA	MIT European Club	<u>Link</u>



About EURAXESS Links North America

EURAXESS Links North America is a network of thousands of European and non-European researchers, scientists, and scholars throughout North America (USA and Canada). This multidisciplinary network includes members at all stages of their careers. It allows them to connect with each other and with Europe, ensuring that they are recognized as an important resource for European research whether they remain in North America or return to Europe.

For further information about EURAXESS Links North America, please visit: http://northamerica.euraxess.org.

To sign up for membership in our network, and in the virtual SINAPSE community of researchers abroad, please go to our website and click on the Join the EURAXESS Links North America community hyperlink on the right-hand side of the page. Membership is free!

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