Dear Colleagues!

Welcome to the October issue of our newsletter.

We are very pleased to provide you with over 50 open calls for proposals (some ending already in November!!!) in more than 20 European countries (EU Member States & Associated Countries). Our news and development section includes recent and very interesting R&D news from the European Research Area, Canada, and the United States.

The latest EURAXESS activities in the region include our presence at the twelfth in the series of Destination Europe events, our participation to the Society for Neuroscience’s 45th annual meeting and the organization of our EURAXESS Science Slam North America 2015 finals held in Chicago, IL, USA. The Destination Europe conference featured presentations on Marie Skłodowska Curie Actions, European Research Council grants, EURAXESS, Horizon 2020 and many funding opportunities offered by the present member states and associated countries: Germany, Lithuania, Switzerland, Sweden, Poland, Czech Republic, France and Turkey. More information about the program and the speakers can be found here.

Our Science Slam finals were a big success. Following a difficult selection process, the winner was announced: The free trip to Europe goes to Mrs Kavita Chandra, PhD Candidate in the Department of Materials Science and Engineering at Northwestern University who convinced the audience as well as the jury with her Slam titled ‘A Gold Star for Cancer Research’ and her excellent presentation skills. CONGRATULATIONS to all the FINALISTS!!!

This month’s EU Insight gives a brief overview of the latest Horizon 2020 work programme for 2016-2017 published in mid-October.

Enjoy reading the newsletter!

Your EURAXESS Links North America Team
Contents

1 EU Insight – Work programs for 2016-2017: over EUR 16 billion for research and innovation ............................................. 7

2 EURAXESS Links North America Activities ........................................ 9

  2.1.1 EURAXESS Science Slam 2015 – And the winner is ........... 9

  2.1.2 EURAXESS Links North America is organizing the 1st Annual Meeting of the European Scientific Diasporas in North America – Washington DC, 19 November 2015 ..................................... 10

3 News & Developments ........................................................................... 11

  3.1 EU, Member States and Associated Countries ......................... 11

    3.1.1 Horizon 2020: new Work Program supports growth, jobs and competitiveness ......................................................... 11

    3.1.2 The European Commission launches initiative to help refugee scientists and researchers ........................................ 12

    3.1.3 Opening ERC teams to the world ........................................ 12

    3.1.4 The Researchers’ Nights: “How one evening changed my career” 13

  3.2 Canada ......................................................................................... 14

    3.2.1 A micro-supercapacitor with unmatched energy storage performance ................................................................. 14

    3.2.2 Energy storage: Why it’s Canada’s moment ......................... 14

    3.2.3 Why Canada’s oil slump is clean energy’s silver lining .......... 15

    3.2.4 A chance to get science right ............................................... 15

  3.3 United States of America .............................................................. 15

    3.3.1 Researchers Take First Steps to Create Biodegradable Displays for Electronics ..................................................... 15

    3.3.2 NSF supports new global partnerships in research and education through PIRE program ........................................ 16

    3.3.3 Immigrants play increasing role in U.S. science and engineering workforce ...................................................... 16

    3.3.4 NSF awards $74.5 million to support interdisciplinary cybersecurity research .................................................. 16

    3.3.5 Nuclear Science Advisory Committee issues plan for U.S. nuclear physics research ................................................. 17

    3.3.6 Artificial “Skin” System Transmits the Pressure of Touch ........ 17

  3.4 Cooperation EU/Canada – EU/USA ................................................ 17
3.4.1 New concept to help set priorities in water management......................17
3.4.2 New Frontiers in Science Diplomacy – Opportunities for EU-US Cooperation .........................................................................................18
3.4.3 Very well received workshop on EU-U.S. and International Cooperation at the EU Brokerage Event on KET in Horizon 2020..18
3.4.4 Presentations of workshops on US Research Funding Opportunities for EU Researchers (Warsaw - Rome - Lisbon).....................18
3.4.5 Interagency and International Research on North Atlantic-Arctic Oceanographic Processes.................................................................18
3.4.6 ERA-Can+ Twinning Programme – Call launched..............................19
4 Grants & Fellowships..............................................................................19
  4.1 Europe .................................................................................................19
  4.1.1 Marie Skłodowska-Curie Actions (MSCA) .........................................19
  4.1.2 Marie Skłodowska-Curie actions: Pocket guide ..................................20
  4.1.3 Fulbright-Schuman Programme........................................................20
  4.1.4 European Research Council Grants .................................................20
  4.1.5 Jean Monnet Postdoctoral Fellowships .............................................21
  4.1.6 EMBO: Fellowships........................................................................21
  4.1.7 National EURAXESS portals ............................................................21
  4.2 EU Member States and Associated Countries .....................................22
  4.2.1 Austria: Franz Werfel Grant.............................................................22
  4.2.2 Austria: Lise Meitner Program for Scientists from Abroad ...............22
  4.2.3 Austria: ISTFELLOW*: Call for Postdoctoral Fellows.....................22
  4.2.4 Austria: The Austrian Science Fund and funding categories ...........22
  4.2.5 Austria: Richard Plaschka Scholarship ............................................23
  4.2.6 Belgium: Fonds de la Recherche Scientifique Brief Outgoing Fellowships ....................................................................................23
  4.2.7 Belgium: Fonds de la Recherche Scientifique (F.R.S.-FNRS) - Postdoctoral temporary fellowship ....................................................23
  4.2.8 Belgium: Research Foundation Flanders (FWO) International Mobility .............................................................................................23
  4.2.9 Czech Republic: Office of Naval Research: Visiting Scientist Program (VSP)..................................................................................24
  4.2.10 Denmark: Ministry of Higher Education and Science: PhD scholarships outside the universities .................................................24
4.2.11 Estonia: Scholarships .................................................................24
4.2.12 Estonia: Scholarships for visiting PhD students (Activity of ESF DoRa program) .................................................................24
4.2.13 Finland: CiMo Fellowships ......................................................25
4.2.14 France: Overview of research exchange programs US – France ...25
4.2.15 France: 15 Postdoctoral Fellowships in Biology and Information Technologies ........................................................................25
4.2.16 Germany – Canada: Joint Funding Opportunity by the Canadian Space Agency and the German Aerospace Center ..............26
4.2.17 Germany: DLR-DAAD Research Fellowships in the fields of Space, Aeronautics, Energy and Transportation Research ........26
4.2.18 Ireland: US-Ireland R&D Partnership Program .......................26
4.2.19 Lithuania: Lithuanian Research Council: Postdoctoral Fellowships 27
4.2.20 Luxembourg: National Research Fund (FNR) – ATTRACT - NEW 27
4.2.21 Luxembourg: National Research Fund (FNR) – INTER – NEW ....27
4.2.22 Luxembourg: National Research Fund (FNR) – INTER Mobility - NEW ..........................................................28
4.2.23 Luxembourg: National Research Fund (FNR) - Grants for NASA-ARC ........................................................................28
4.2.24 Malta: University of Malta: Junior Research Fellowships ........28
4.2.25 Netherlands: Netherlands Organisation for Scientific Research (NWO): Lorentz Center - NEW ..............................................28
4.2.26 Netherlands: Netherlands Organisation for Scientific Research (NWO): Visitor's Travel Grant .................................................29
4.2.27 Netherlands: Netherlands Organisation for Scientific Research (NWO): Graduate Research Opportunities Worldwide (GROW)....29
4.2.28 Netherlands: Royal Netherlands Academy of Arts and Sciences (KNAW): Evert Willem Beth Foundation: funding for research and symposiums .................................................................29
4.2.29 Norway: Fulbright Norway: The U.S. - Norway Fulbright Grant Program ..............................................................................29
4.2.30 Norway: The Research Council of Norway: Graduate Research Opportunities Worldwide (GROW) ............................................30
4.2.31 Norway: The Research Council of Norway: Personal Visiting Researcher Grant ....................................................................30
4.2.32 Norway: The Research Council of Norway: Mobility grants for North Americans in educational research (UTNAM) ..............30
4.2.33 Poland: National Science Center: POLONEZ: Incoming fellowships
........................................................................................................................................30

4.2.34 Poland: The Kosciuszko Foundation: Graduate Study and Research in Poland Scholarship - NEW ................................................................................................................31

4.2.35 Poland: National Science Centre: POLONEZ Program – NEW ..............................31

4.2.36 Poland: Foundation for Polish Science: IDEAS FOR POLAND .............................................31

4.2.37 Poland: Polish-U.S. Fulbright Commission: Inter Country Travel Grant .................................................................................................................................31

4.2.38 Portugal: Science and Technology Foundation: Permanent Call for Sabbatical Leave Grants (BSAB) ...................................................................................................................32

4.2.39 Slovakia: Slovak Academic Information Agency (SAIA): USA – The Fulbright Specialists Program (Teaching/research stays for 2-6 weeks)........................................................................................................32

4.2.40 Sweden: The Swedish Research Council: Graduate Research Opportunities Worldwide (GROW)................................................................................................................32

4.2.41 Switzerland: Swiss National Science Foundation: Ambizione Energy
..................................................................................................................................................32

4.2.42 Switzerland: Society in Science - The Branco Weiss Fellowship NEW .................................................................32

4.2.43 Switzerland: Swiss National Science Foundation: International Short Visits ................................................................................................................................................33

4.2.44 Switzerland: State Secretariat for Education Research and Innovation (SERI): Graduate Research Opportunities Worldwide (GROW)................................................................................................................33

4.2.45 Turkey: TÜBİTAK: Fellowships for Visiting Scientists and Scientists on Sabbatical Leave .........................................................................................................................33

4.2.46 United Kingdom: The Royal Society: Sir Henry Dale Fellowship NEW .................................................................33

4.2.47 United Kingdom: BBSRC: International Scientific Interchange Scheme (ISIS).................................................................................................................................34

4.2.48 United Kingdom: Wellcome Trust: Principal Research Fellowships NEW .................................................................................................................................34

4.3 Databases and Further Information .................................................................................34

4.3.1 Austria: Database of scholarships and research grants available...34

4.3.2 Austria: Information from the Office of Science & Technology in Washington D.C. .................................................................................................................................34

4.3.3 Belgium: a comprehensive webportal ........................................................................34

4.3.4 Canada: ERA-Can+ Project - Promoting Canada-EU research .....34
4.3.5 Canada: Government of Canada - International scholarship ..........35
4.3.6 Cyprus: the Research Promotion Foundation .................................35
4.3.7 Denmark: Funding programs for research and innovation and Danish Innovation Centre in the USA ..............................................35
4.3.8 Estonia: Estonia Research portal ....................................................35
4.3.9 Finland: Key links to Finnish funding agencies and opportunities ...35
4.3.10 France: Find your PhD with the new website "PhD in France" .......35
4.3.11 Germany: Funding and resources opportunities for graduate and doctoral students, postdocs and faculty and researchers ..........36
4.3.12 Ireland: Research opportunities ......................................................36
4.3.13 Netherlands: EURAXESS portal: Overview of Dutch Fellowships and Grants .................................................................36
4.3.14 US: National Science Foundation - Science Across Virtual Institutes (SAVI) ........................................................................36

5 Jobs ........................................................................................................37
5.1 EURAXESS Portal ................................................................................37
5.2 Other Research Career Sites .................................................................37
5.2.1 Canada ..........................................................................................37
5.2.2 Europe ..........................................................................................37
5.2.3 USA .............................................................................................37

6 Events ......................................................................................................38
6.1 Europe: Forthcoming events .................................................................38
6.2 North America: Forthcoming events ....................................................38
1 EU Insight – Work programs for 2016-2017: over EUR 16 billion for research and innovation

On 13 October, the European Commission (EC) published the second Horizon 2020 work program for the next two years, 2016 to 2017. Aligned with the agenda of Commission President Jean-Claude Juncker, the work program aims to boost competitiveness and support Europe’s growth and jobs with an investment of nearly EUR 16 billion in research and innovation.

Selected key priorities for 2016-2017

To boost Europe’s growth and increase the number of jobs without creating new debt is a top priority for the next two years. Research and innovation investments will cover both the immediate need to engage the re-industrialisation of Europe as well as the longer-term objective of building solid knowledge needed for the next wave of innovative breakthroughs. This includes, amongst others, funding of around EUR 2 billion to small and medium-sized enterprises (SMEs); nearly EUR 1.7 billion for outstanding researchers through European Research Council (ERC) grants to work on the best ideas that could lead to innovative growth-enhancing breakthroughs; and nearly 10,000 fellowships for young researchers under the Marie Skłodowska-Curie actions to receive high-quality training and career development opportunities abroad.

Other priorities will be the contribution to a connected digital single market; a forward-looking climate change policy for secure, affordable and climate-friendly energy; maintaining and reinforcing the internal market as well as European industrial base; and the tackling of cross-cutting issues, such as improving synergies with other EU funding programmes, i.e. the European Structural and Investment Funds (ESIF). Last but not least, international cooperation calls and targeted initiatives will help boost research and innovation cooperation with countries outside Europe and effectively tackle common societal challenges. The work programme is in line with Commissioner Moedas’ strategic priorities ‘openness to innovation, to science and to the world’.

Sources and further information


2 EURAXESS Links North America Activities

2.1.1 EURAXESS Science Slam 2015 – And the winner is

Mrs Kavita Chandra, PhD Candidate in the Department of Material Science and Engineering at Northwestern University, Chicago, IL, USA with her Slam titled ‘A Gold Star for Cancer Research!’ She convinced the audience and jury members with her excellent presentation skills earning her first prize in our Science Slam 2015 finals.

Kavita will travel to Europe (Brussels) in Spring 2016 to visit the EU headquarters, meet with EU research policy makers and enjoy a science communication workshop with the winners from the other EURAXESS Links countries. Furthermore, she will have a chance to pick one research institution of her choice in Europe which she would like to visit and EURAXESS Links will finance her travel expenses.

Kavita is very excited about having this opportunity and extremely thankful to EURAXESS for letting her participate in the finals. Pictures and videos of all the finalists will be coming soon!!! Don’t forget to check out our website.
2.1.2 EURAXESS Links North America is organizing the 1st Annual Meeting of the European Scientific Diasporas in North America – Washington DC, 19 November 2015

Science in the 21st century is more than ever a global venture. International scientific collaboration is on the rise especially when and where it enables increased research efficiency and effectiveness and when it permits scientific challenges of a large scale and scope to be addressed. Thus the scientific hubs of a multipolar scientific world are becoming more and more interconnected.

Scientists are driven by opportunities to raise the quality, speed and impact of their research. They seek to work with the best people and in or with the best institutions globally, while often maintaining strong links with their places of origin over space and time. As they become more mobile and as their informal connections grow, different types of scientific communities and networks are created, influencing the way scientists interact and pursue their research and innovation agendas.

Such research communities - real or virtual - facilitate the extension from the local or national level to the global level in the way science is conducted. In the process, they mediate international collaboration and broaden research horizons. Yet little is understood about these networks and their dynamics.

From a European perspective, it is interesting to recognize such national communities of European scientists in the US and to understand the valuable role they play for their members as well as their potential to strengthen transatlantic S&T cooperation.

From the perspective of the communities themselves, it would seem to be beneficial for them to learn more about each other, their ways of working and of the potential for enhancing their utility and impact.

This 1st Annual Meeting aims to explore such questions with a view to identifying more precisely how to enhance the benefits that can be derived from networking with existing and future networks of scientific diasporas in the US, as well as the type of concrete actions which could be taken to bring this about.

Participation in this event is by invitation-only. If you are a European Scientist based in North America and wish to attend this event in order to make a significant contribution to the discussions, please contact us at northamerica@euraxess.net. Thank you and we look forward to meeting you in Washington DC!

The Agenda can be found here.
3 News & Developments

3.1 EU, Member States and Associated Countries

3.1.1 Horizon 2020: new Work Program supports growth, jobs and competitiveness

The European Commission will boost competitiveness by investing almost EUR 16 billion in research and innovation in the next two years under Horizon 2020, the EU's research and innovation funding scheme, following a new Work Program for 2016-17 adopted on October 13.

The new funding opportunities offered by the Work Program are directly aligned with the policy priorities of the Commission of President Jean-Claude Juncker and will substantially contribute to the Jobs, Growth and Investment Package, the Digital Single Market, Energy Union and Climate change policy, Internal Market with stronger industry and making Europe a stronger global actor.

Carlos Moedas, Commissioner for Research, Science and Innovation said: "Research and innovation are the engines of Europe's progress and vital to addressing today's new pressing challenges like immigration, climate change, clean energy and healthy societies. Over the next two years, EUR 16 billion from Horizon 2020 will support Europe's top scientific efforts, making the difference to citizens' lives."

In line with Commissioner Moedas’ strategic priorities, Horizon 2020 will be open to innovation, open to science, and open to the world. The new Work Program 2016-17 offers funding opportunities through a range of calls for proposals, public procurements and other actions like the Horizon Prizes, together covering nearly 600 topics. The program's structure is a reflection of the overall flexibility of Horizon 2020, which focuses on the EU’s long-term priorities and the most pressing societal challenges while allowing it to swiftly address emerging problems such as outbreaks of diseases.

The program will support a range of cross-cutting initiatives: the modernisation of Europe's manufacturing industry (€1 billion); technologies and standards for automatic driving (over €100 million); the Internet of Things (€139 million) to address digitalisation of EU industries; Industry 2020 in the Circular Economy (€670 million) to develop strong and sustainable economies; and Smart and Sustainable Cities (€232 million) to better integrate environmental, transport, energy and digital networks in EU's urban environments.

In addition, at least €8 million in funding will be available for research on security of EU's external borders to help identify and prevent human trafficking and smuggling; €27 million for the new technologies to help prevent crime and terrorism as well as €15 million for research into the origin and impact of migration flows in Europe. The new Work Program will also build on successes in health research, such as the Ebola-related breakthrough discoveries already supported by Horizon 2020, by investing €5 million to respond to the critical outbreak of the damaging olive-tree pest Xylella fastidiosa.
The new Work Program is also set on improving the impact of Horizon 2020 funding. First, it will ensure more money is available for innovative companies thanks to new leveraging opportunities supported by the European Fund for Strategic Investments (EFSI), in addition to over €740 million dedicated to support research and innovation activities in nearly 2000 small and medium enterprises (SMEs). More will also be done to improve synergies with other EU funding programs, as stressed by President Juncker in his State of the Union speech, as well as support researchers in their applications with clearer guidance and impact criteria.

Source: European Commission

3.1.2 The European Commission launches initiative to help refugee scientists and researchers

The European Commission has launched in October the ‘science4refugees’ initiative for asylum-seeking and refugee scientists and researchers. This measure will enable a match-making process between refugees and asylum seekers with a scientific background and the scientific institutions that voluntarily declare themselves as "refugee-welcoming organisations".

‘science4refugees’ is accessible to refugees and institutions through the EURAXESS - Researchers in Motion portal. With this initiative the European Commission is helping concentrate under a single portal potential actions aimed at researchers and scientists coming to Europe as refugees and asylum seekers. Interested institutions can now flag their offers – be it positions, internships or training courses – with the ‘science4refugees’ emblem to indicate their interest in hiring asylum seekers. Key stakeholders and institutions, such as the League of European Research Universities (LERU), announced public commitment to this action.

Refugees and asylum seekers can upload their CVs on a dedicated EURAXESS page and express their interest for an internship, a job or training. Registration is on a free and voluntary basis. In addition, the portal provides access to a complete range of information on working conditions in Europe for refugees and asylum seekers.

In the longer term, with the support of the EURAXESS Service Centres, schemes on training mentoring, language and integration courses will be added to the ‘science4refugees’ initiative to help refugees settle into their host country of residence.

Source: European Commission and EURAXESS Jobs

3.1.3 Opening ERC teams to the world

Early October, the ERC has contacted its grantees to inquire about their interest to host young non-European scientists in their research teams.

Some ERC grantees can now benefit from a set of international agreements that make it easier for scientists from Argentina, China, Japan, Korea, South Africa and the United States to join ERC research teams for short periods of
time. The programme is open to the grantees who are at least 18 months away from finishing their projects.

The partner research funding agencies contribute financially to the visits.

The purpose of these agreements ("implementing arrangements"), four of which entered into force in 2015 (including that with Japan), is to foster scientific cooperation between the European Union and some of the leading research agencies outside the EU, boosting the global circulation of talent. This allows ERC grantees to draw on the experience and new ideas of young international researchers.

About seventy US and Korean researchers have joined the research teams of the ERC grantees since 2013, thanks to such agreements (data as of December 2014).

New similar agreements are currently being negotiated with other countries for possible adoption in 2015 and 2016.

Source: ERC

3.1.4 The Researchers’ Nights: “How one evening changed my career”

For Matteo Iafrati, a European Researchers’ Night conference changed the course of his career. For others, it provides an opportunity to connect with the general public and generate a broad interest in science.

As the EU-wide event marks its 10th year of helping people get an insight into the life of a researcher, we talk to a former participant to find out what the event means to him.

In 2009, Matteo Iafrati’s career path changed when he attended a European Researchers’ Night event in Frascati, Italy. Although he had been interested in pursuing a career in science since he was a child, his first love was particle physics and his ambitions leant towards studying at CERN. It was a meeting with his future supervisor, Professor Giuseppe Mazzitelli, from the Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), that changed his mind.
'Since I was at school, I wanted to become a physicist. In particular I was attracted by particle physics, and big machines for particle physics like the particle accelerator in Geneva, like LHC (the Large Hadron Collider). But during the European Researchers’ Night in 2009 I met Prof. Giuseppe Mazzitelli at a conference. This conference was about fusion energy and fusion research and a special device for bringing the power of the stars to the earth, called a tokamak. And I fell in love with this fusion research, and one year later I started my physics degree in Rome and I changed my initial career, becoming a plasma physicist, not a particle physicist.'

Matteo is completing his master’s thesis and will shortly be embarking on a PhD program looking at the use of liquid metal to capture energy inside the tokamak. He describes European Researchers’ Night as a ‘bridge’ that originally gave him an insight into a particular area of science as a member of the public, and now lets him introduce his work to other people as a researcher.

'I think it is a good way for people to know what we are doing. We want to check (on the) developments in our work with feedback from people. It is a very good opportunity for people to also know how researchers spend public money. Because researchers are the employees of the people. So I think people can learn a lot from the night and the researcher also.'

Source: Horizon Magazine

3.2 Canada

3.2.1 A micro-supercapacitor with unmatched energy storage performance

A micro-supercapacitor made using a new electrode reached an energy density 1,000 times greater than existing electrochemical capacitors. With such a performance, comparable to current Li-ion micro-batteries, this energy storage device is a legitimate option for a range of applications from mobile electronics to wireless autonomous sensor networks. The breakthrough, detailed in an article recently published in Advanced Materials, was a collaborative effort by researchers of the INRS Centre Énergie Matériaux Télécommunications and the Laboratory of Analysis and Architecture of Systems (LAAS-CNRS).

Read more (Source: Institut National de la Recherche Scientifique - INRS)

3.2.2 Energy storage: Why it’s Canada’s moment

Canada has a chance to add a new dimension to its energy economy—one that is clean, profitable and globally groundbreaking.

The opportunity is electricity storage, which until now has been limited by technology to a relatively modest scale. That's about to change. And it means that Canada—and specifically Ontario—can become an ideal seedbed for storage technology, because there are ready markets for both large- and small-scale storage systems.

First, the large scale. Ontario has a fleet of nuclear generators that operate around the clock, and come close to filling the demand for power at off-peak
hours. In addition, Ontario has developed a large renewable energy sector of wind and solar generation (in addition to its traditional hydro stations.) Problems sometimes arise when the natural weather cycles that drive wind and solar production are out of synch with the market cycle. On a sunny, breezy Saturday afternoon in May, with the nuclear plants running flat out, the hydro stations churning out power with the spring runoff and solar and wind systems near peak production, Ontario may have more electricity than it needs.

Read more (Source: MaRS Discovery District)

3.2.3 Why Canada’s oil slump is clean energy’s silver lining

Canadians shaken by the havoc wreaked on the country’s economy as a result of the slump in oil prices should take heart. The same forces that have pummelled oil—and decimated the Canadian dollar—are creating huge opportunities in the clean energy sector. And Ontario is perfectly positioned to seize them.

Like wood, metals, and wheat – the core commodities that have seen boom and bust cycles in this country – the oil sector continues to face an uncertain future. In comparison, the building blocks of Ontario’s cleantech energy sector – wind, sunlight, flowing water, biological waste – are not subject to this same market volatility, making them a platform on which to build and grow a stable sector.

A survey by the Frankfurt School of Finance and Management for the UN Environment Program shows that global investment in renewable energy projects has exceeded $200 billion every year since 2010. A recent Deutsche Bank report titled “Crossing the Chasm,” predicts that nearly 10 per cent of global electricity production will come from solar over the next 20 years as costs fall steadily to compete with conventional generation.

Read more (Source: TVO, technological extension of Ontario’s public education system)

3.2.4 A chance to get science right

The upcoming Canadian election later this month will provide a welcome opportunity to reboot the federal government’s controversial approach to science policy and research. The current Conservative government has been undermining science for the past 9 years, damaging the institutions that make scientific advancement possible and trying to ensure that political and ideological priorities dominate scientific work.

Read more (Source: Science Mag)

3.3 United States of America

3.3.1 Researchers Take First Steps to Create Biodegradable Displays for Electronics

Americans, on average, replace their mobile phones every 22 months, junking more than 150 million phones a year in the process. When it comes to recycling and processing all of this electronic waste, the World Health Organization
reports that even low exposure to the electronic elements can cause significant health risks. Now, University of Missouri researchers are on the path to creating biodegradable electronics by using organic components in screen displays. The researchers’ advancements could one day help reduce electronic waste in the world’s landfills.

Read more (Source: University of Missouri)

3.3.2 NSF supports new global partnerships in research and education through PIRE program

Seventeen new projects link scientists around the globe

The National Science Foundation (NSF) announced today the latest round of innovative, international research projects that support the agency's mission—to advance the frontiers of science and engineering—and forge robust collaborations with scientific expertise around the world.

The 17 new awards, totaling more than $69 million, are made through NSF's Partnerships in International Research and Education (PIRE) program, which began in 2005. PIRE helps catalyze strong international engagement by the U.S. science and engineering community. Projects work to generate new knowledge and discoveries; promote a diverse, globally engaged U.S. workforce; and build the institutional capacity of U.S. institutions to engage in productive international collaborations.

Read more (Source: National Science Foundation)

3.3.3 Immigrants play increasing role in U.S. science and engineering workforce

Immigration a significant factor in decade-long growth in total S&E workforce

From 2003 to 2013, the number of scientists and engineers residing in the U.S. rose from 21.6 million to 29 million. An important factor in that increase: over the same time period, the number of immigrant scientists and engineers went from 3.4 million to 5.2 million.

Immigrants went from making up 16 percent of the science and engineering workforce to 18 percent, according to a new report from the National Science Foundation's National Center for Science and Engineering Statistics (NCSES). In 2013, the latest year for which numbers are available, 63 percent of U.S. immigrant scientists and engineers were naturalized citizens, while 22 percent were permanent residents and 15 percent were temporary visa holders.

Read more (Source: National Science Foundation)

3.3.4 NSF awards $74.5 million to support interdisciplinary cybersecurity research

Investment includes 257 new projects involving researchers in 37 states

The National Science Foundation (NSF) has long supported cybersecurity research to protect the frontiers of cyberspace. NSF investments in basic research have resulted in innovative ways to secure information and ensure
privacy on the Internet and have led to algorithms that form the basis for electronic commerce, software security bug detection, spam filtering, and much more.

NSF continued its commitment to securing cyberspace by awarding $74.5 million in research grants through the NSF Secure and Trustworthy Cyberspace (SaTC) program.

Read more (Source: National Science Foundation)

3.3.5 Nuclear Science Advisory Committee issues plan for U.S. nuclear physics research

The Nuclear Science Advisory Committee, or NSAC, has publicly released "Reaching for the Horizon, The 2015 Long Range Plan for Nuclear Science." The new plan was unanimously accepted by NSAC, a committee composed of eminent scientists who have been tasked by the Department of Energy and NSF to provide recommendations on future research in the field. Full Story

Source: DOE/Thomas Jefferson National Accelerator Facility

3.3.6 Artificial “Skin” System Transmits the Pressure of Touch

The system might someday be applied to prosthetics to mimic human skin’s ability to feel sensation.

Researchers have created a sensory system that mimics the ability of human skin to feel pressure. Furthermore, they transmitted the digital signals from the system’s sensors to the brain cells of mice. These new developments, reported in the 16 October issue of Science, could allow many people around the world living with prosthetics to one day feel sensation in their artificial limbs.

The system, consisting of printed, plastic circuits, might someday be placed on robotic fingertips. Digital signals transmitted by the system would increase as the fingertips came closer to an object, with the signal strength growing as the fingertips gripped the object tighter.

Read more (Source: AAAS)

3.4 Cooperation EU/Canada – EU/USA

3.4.1 New concept to help set priorities in water management

The basic principle behind most strategies aimed at renaturalising ecosystems is to increase biodiversity by restoring natural habitat structure, which should lead to improved ecosystem services in the process. These projects often do not result in the success researchers had hoped for because the complexity of ecological relationships is so vast that it is difficult to detect the precise ecological factors that have priority over the many others in a particular case. Researchers working at the University of Montana and the Helmholtz Centre for Environmental Research (UFZ) have now developed a theoretical framework – the concept of ecological simplification – aimed at closing this gap. They tested it in two iconic river landscapes: the Missouri River in the U.S. state of Montana.
and in the Elbe River in Saxony-Anhalt. The results were recently published in the BioScience journal.

Read more (Source: Helmholtz Centre for Environmental Research (UFZ))

3.4.2 New Frontiers in Science Diplomacy – Opportunities for EU-US Cooperation

On the initiative of the EU-funded BILAT USA 2.0 project, high-level policymakers, reputable scientists as well as high level experts and political advisors came together to discuss on the importance of science diplomacy and areas of potential cooperation for both sides of the Atlantic.

Read more (Source: BILAT USA 2.0)

3.4.3 Very well received workshop on EU-U.S. and International Cooperation at the EU Brokerage Event on KET in Horizon 2020

The overall goal of the BILAT USA 2.0 workshop on EU-U.S. and International Cooperation was to exchange of knowledge on European and U.S. cutting edge research and innovation capacities on specific topics in Nanotechnology based on the (draft) H2020 work programme 2016-2017.

After opening remarks from Professor Savolainen, Mrs. Clara de la Torre, the director of Key Enabling Technologies (KET) at the European Commission welcomed the session participants. In her speech she emphasized the Commissioner Moedas’s 3 Os: Open innovation, Open science and Opening to the world.

Read more (Source: BILAT USA 2.0)

3.4.4 Presentations of workshops on US Research Funding Opportunities for EU Researchers (Warsaw - Rome - Lisbon)

The US is one of the top-ranked countries in technology, innovation and R&D expenditures. Many European researchers and institutions have developed strong research links with US researchers and their institutions. However, some opportunities within US federal funding programmes, such as NIH (National Institutes of Health) and NSF (National Science Foundation), may not be well-known in Europe, and European researchers and research managers may not be familiar with the specific application processes & grant management procedures required by the US federal research funding agencies.

Read more (Source: BILAT USA 2.0)

3.4.5 Interagency and International Research on North Atlantic-Arctic Oceanographic Processes

The oceanography and ecology of the North Atlantic Ocean are fundamentally linked to the health, economy, and overall well-being of North America and Europe, and to the global climate system. The trilateral Galway Statement on Atlantic Ocean Cooperation of May, 2013, between the European Union (EU), Canada, and the United States (US) (available

Read more (Source: BILAT USA 2.0)

3.4.6 ERA-Can+ Twinning Programme – Call launched

With October 1, 2015 the ERA-Can+ project launched its first call for proposals. The Twinning Programme aims at supporting close collaboration between already existing European and Canadian research endeavours. Each twinning project should consist of at least one EU-funded project consortium (FP7 or Horizon 2020), and one Canadian project funded either at federal or provincial level. Both projects should be either running or have been completed for less than two years at the time of the proposal submission. **Application deadline is January 4, 2016.**

Read more (Source: ERA-Can+)

## 4 Grants & Fellowships

### 4.1 Europe

#### 4.1.1 Marie Skłodowska-Curie Actions (MSCA)

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 calls:

- [H2020-MSCA-ITN-2016: Marie_Sklodowska-Curie_Innovative_Training Networks](#)  

**Deadline Date: 12 January 2016**
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 online reading [here](#).

4.1.3 Fulbright-Schuman Programme

The Fulbright-Schuman Programme, 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 programme 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 calls:

- [ERC Starting Grant](#) | [ERC-2016-StG Call for Proposals](#)
- [Information for applicants](#)
- [FAQs](#)

**Deadline Date: 17 November 2015**

- [ERC Consolidator Grant](#) | [ERC-2016-CoG Call for Proposals](#)

**Deadline Date: 2 Feb 2016**

- [ERC Proof of Concept Grant](#) | [ERC-2016-PoC Call for Proposals](#)
- [Information for applicants](#)

**Deadline Dates: 16 Feb - 26 Mar - 4 Oct 2016**

**NEW:**
Calendar of upcoming calls
Click here for status of ongoing evaluations
Find out here how to prepare your proposal
Find your National Contact Point

More information: European Research Council

4.1.5 Jean Monnet Postdoctoral Fellowships
The Robert Schuman Centre for Advanced Studies (RSCAS) offers one or two-year 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 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 1,500 leading researchers within 27 Member States and promotes excellence in the life sciences.

Young scientists interested in conducting postdoctoral research actively seek EMBO Long-Term Fellowships 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: Rolling basis (Short-Term), 12 February 2016 (Long-Term)

4.1.7 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.
4.2 EU Member States and Associated Countries

4.2.1 Austria: Franz Werfel Grant

Franz Werfel, who was born in 1890 in Prague and died in 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 not only offers material support for up to 18 months, but through follow-up support, also guarantees sustainability.

Closing date for application: March 1 and September 15

More information

4.2.2 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

4.2.3 Austria: ISTFELLOW*: 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 ISTFellow programme

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

* IST FELLOW is partially funded by the European Union.

More information

4.2.4 Austria: The Austrian Science Fund and funding categories

The Austrian Science Fund (FWF) is Austria's central funding organisation 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.

4.2.5 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 manner of dealing with history in the eastern and south-eastern European area. 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 completed at least 12 scholarship months.

**Deadline: March 1 and September 15 of each year (new)**

4.2.6 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.**

4.2.7 Belgium: Fonds de la Recherche Scientifique (F.R.S.-FNRS) - Post-doctoral temporary fellowship

This funding aims to finance a research fellowship (up to 3 years) for a non-Belgian PhD holder coming from abroad to work for a research program financed by F.R.S.-FNRS. Various Research Fields.
4.2.8 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

4.2.9 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 Programme is part of a process to develop international collaborations. Requests should be received at least eight weeks in advance of the proposed visit.

More information

4.2.10 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

4.2.11 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

4.2.12 Estonia: Scholarships for visiting PhD students  
(Activity of ESF DoRa program)

The DoRa program activity 5 “Facilitating international research cooperation by supporting short-term research projects of visiting doctoral students in Estonia” supports the short-term study and research activities of visiting PhD students at Estonian universities. The support scheme is aimed at supporting the active participation of universities in the international exchange of knowledge and to make Estonian universities and doctoral studies more international.

More information
4.2.13 Finland: CIMO Fellowships

The CIMO Fellowships program 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 program.

There are no annual application deadlines in the CIMO Fellowship program. 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

4.2.14 France: Overview of research exchange programs

US – France

The Office for Science and Technology (OST) located at 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 USA to France Research Exchange Programs booklet in PDF format.

Open Calls for Proposals here:

4.2.15 France: 15 Postdoctoral Fellowships in Biology and Information Technologies

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

WHAT? 2 year 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 are filled by appropriate candidates. Applicants are selected in a competitive process.

More information
4.2.16 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)

4.2.17 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

4.2.18 Ireland: US-Ireland R&D Partnership Program

The US-Ireland Research and Development Partnership, launched in July 2006, is a unique initiative involving funding agencies across three jurisdictions: the United States of America (USA), Republic of Ireland (RoI) and Northern Ireland (NI). Under the US-Ireland R&D Partnership program, a 'single-proposal, single-review' mechanism is facilitated by the National Science Foundation (NSF) and National Institutes of Health (NIH) who accept submissions from tri-jurisdictional (USA, NI and RoI) teams to a number of their existing funding programs. All proposals submitted under the auspices of the Partnership must have significant research involvement from researchers in all three jurisdictions.

As part of this funding process, the governments and relevant research funding agencies within the Partnership contribute to the research costs of researchers based in their jurisdictions. The partner agencies in the USA are the National Science Foundation (NSF) and the National Institutes of Health (NIH). The partner agencies in RoI are Science Foundation Ireland (SFI) and the Health Research Board (HRB). In Northern Ireland, the Health & Social Care R&D Division (HSC R&D) supports health-related projects, while the Department for Employment and Learning Northern Ireland (DELNI), and Invest Northern Ireland (InvestNI) support projects related to Sensors & Sensor Networks,

More information

4.2.19 Lithuania: Lithuanian Research Council: Postdoctoral Fellowships

Researchers from Lithuania and abroad who have been awarded a Ph.D. degree within the period of 3 years (maternal and childcare leave are not taken into account) can apply for the Postdoctoral Fellowships. The Fellowships are funded on the competitive basis with the duration of Fellowships of up to 2 years. Postdoctoral Fellows in the spheres of Social Sciences, the Humanities, Physics, Biomedicine, Agriculture, and Technologies are welcome to participate. Any higher education institution, research institute, research center or other research establishments and enterprises in Lithuania can act as a Host Institution.

More information

4.2.20 Luxembourg: National Research Fund (FNR) – ATTRACT - NEW

The ATTRACT programme aims to support the national research institutions by expanding their competences in strategic research areas - by attracting outstanding young researchers with high potential to Luxembourg.

Bringing excellent researchers with a high level of expertise in science and technology to Luxembourg is a key mission of the FNR. The ATTRACT programme is designed for researchers not yet established in Luxembourg and offers them the opportunity to set up their own research team within one of the country's research institutions.

Deadline: 15 January 2016

More information

4.2.21 Luxembourg: National Research Fund (FNR) – INTER – NEW

The INTER Programme aims to give Luxembourg's public research a higher profile in the international context by providing funding for international collaboration. INTER enables the FNR to initiate bi- or multilateral arrangements for project calls in conjunction with other national or international funding bodies.

- OPEN Call for Bilateral Projects with the National Science Foundation (NSF)

Researchers from public research organisations in Luxembourg are invited to submit proposals for building joint research activities with partners in the United States.
4.2.22 Luxembourg: National Research Fund (FNR) – INTER Mobility - NEW

The aim of the INTER mobility programme is to promote the exchange between research groups of the Luxembourg public research institutions and leading research groups abroad, in order to foster innovative, internationally competitive research – and support the exchange of key knowledge and technological know-how.

INTER mobility allows for exchanges in both directions: researchers working in Luxembourg to go abroad or researchers from abroad to come to Luxembourg. The programme may also contribute to bridging the gap between the research communities in the public and private sector – exchanges with private companies are highly welcome.

The duration of the exchange is between 6 weeks and 1 year.

Deadline: 20 January 2016

More information

4.2.23 Luxembourg: National Research Fund (FNR) - Grants for NASA-ARC

The National Research Fund Luxembourg (FNR) intends to strengthen the cooperation between Luxembourg and NASA's AMES Research Centre (NASA-ARC) in order to support the thriving national aerospace sector.

First of all, the FNR earmarks two grants for PhD candidates or postdoctoral researchers allowing them to undertake their research activities at NASA-ARC. Research projects can be done in cooperation with a Luxembourg based public or private research institution or full-time at NASA-ARC. **Funding will be granted up to 4 years for PhD candidates and up to 2 years for postdoctoral researchers** according to the rules of the AFR grant system.

The Call for Proposals is also open to researchers based in Luxembourg companies who have spent at least 5 years in Luxembourg and envisage undertaking a PhD or Postdoc project in collaboration with NASA-ARC.

More information

4.2.24 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

4.2.25 Netherlands: Netherlands Organisation for Scientific Research (NWO): Lorentz Center - NEW

The Lorentz Center, located at the University of Leiden, is an international center that coordinates and hosts interactive workshops. These are often in
the domain of the sciences, but interaction with and broadening towards the humanities is encouraged.

Proposals can be submitted by any researcher at academic level in any country from any scientific or scholarly discipline.

Deadline: 15 January 2016

More information

4.2.26 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

More information

4.2.27 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 including the Netherlands.

More information

4.2.28 Netherlands: Royal Netherlands Academy of Arts and Sciences (KNAW): Evert Willem Beth Foundation: funding for research and symposiums

The Evert Willem Beth Foundation funds some research and symposiums in the following disciplines: modern logic, philosophy of science, history of logic, history of the philosophy of science and scientific philosophy in general.

Students as well as researchers can apply. Applications are now accepted.

More information

4.2.29 Norway: Fulbright Norway: The U.S. - 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
4.2.30 Norway: The Research Council of Norway: 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 including Norway.

More information

4.2.31 Norway: The Research Council of Norway: Personal Visiting Researcher Grant

Funding may be sought for research stays in Norway for international researchers with qualifications at the professor level. Guest researcher grants provide a means of strengthening Norwegian research groups in the field through international collaboration. The Research Council allocates funding for Personal Visiting Researcher Grants in the form of a framework grant. The grant covers documented costs of settling in and other associated extra costs incurred in connection with a research visit in Norway at fixed rates.

Next deadline: ongoing

More information

4.2.32 Norway: The Research Council of Norway: Mobility grants for North Americans in educational research (UTNAM)

The aim of the mobility grant is to contribute to increased cooperation between Norwegian and North American educational researchers through supporting visits to Norway for the purpose of research or dissemination for top North American educational researchers. The scheme will also contribute to the dissemination of results of North American research to Norway and furthermore contribute to competence building in Norwegian research communities. Grants will be awarded for visits of shorter or longer duration.

Next deadline: open-ended (2012 - 2016)

More information

4.2.33 Poland: National Science Center: POLONEZ: Incoming fellowships

A funding programme addressed to incoming researchers who may apply for 12-24-month fellowships in host institutions in Poland.

Applicant: incoming researcher – a doctoral researcher with a PhD degree or at least four years of full-time equivalent research experience who at the time of recruitment by the host organisation has not resided or carried out their main activity (work, studies, etc.) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date.

Call opened on 15 September and closes on 15 December 2015
4.2.34 Poland: The Kosciuszko Foundation: Graduate Study and Research in Poland Scholarship - NEW

This scholarship supports graduate level research at universities in Poland by American graduate students and university faculty members with funding from the Polish Ministry of Education and the Kosciuszko Foundation.

Deadline: 15 January 2016

4.2.35 Poland: National Science Centre: POLONEZ Program – NEW

The program is addressed to international researchers who may apply for fellowships for conducting research at chosen host institutions in Poland. Eligible applicants have a PhD or 4 years of full time research experience.

Fellowship duration: 12-24 months

Deadline: 15 December 2015

4.2.36 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 programme 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.

4.2.37 Poland: Polish-U.S. Fulbright Commission: Inter Country Travel Grant

Polish higher education institutions may apply for a travel grant from the Fulbright Commission to support short visits by American Fulbright lecturers placed in a European country. The Fulbright travel grant will cover the visiting lecturer’s airfare using the most economical fare. The Polish institution is expected to cover other resulting expenses. The inter-country lecture visit must take place during the American lecturer’s Fulbright grant period.

Applications accepted on a rolling basis.
4.2.38 Portugal: Science and Technology Foundation: Permanent Call for Sabbatical Leave Grants (BSAB)

Next deadline: **rolling basis**

More information *only in Portuguese*

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

Next deadline: **rolling basis**

More information

4.2.40 Sweden: The Swedish Research Council: 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 including Sweden.

More information

4.2.41 Switzerland: Swiss National Science Foundation: Ambizione Energy

This scheme calls for the targeted funding of young researchers in energy research/in the field of energy. In principle, research is funded primarily at institutions involved in the setup and operation of inter-university competence centers (Swiss Competence Centers for Energy Research, SCCER).

Ambizione Energy grants are aimed at young researchers who wish to conduct an independently planned basic research project in the field of energy; the project may or may not be use-inspired.

The grants comprise the researcher's salary and project funds for a maximum of three years.

Next deadline: **13 November 2015**

More information

4.2.42 Switzerland: Society in Science - The Branco Weiss Fellowship NEW

Society in Science – The Branco Weiss Fellowship is a unique postdoc program. It awards young researchers around the world with a generous personal research grant, giving them the freedom to work on whatever topic they choose anywhere in the world, for up to five years.

This research fellowship is designed to support postdoctoral researchers after their PhD and before their first faculty appointment. Those in current

http://ec.europa.eu/euraxess
postdoctoral positions are also eligible. Ideally, fellows pursue unconventional projects in new areas of science, engineering and social sciences.

Deadline: **15 January 2016**

More information

### 4.2.43 Switzerland: Swiss National Science Foundation: International Short Visits

The scheme International Short Visits is aimed at researchers in Switzerland who wish to go abroad for a short period or researchers abroad who wish to collaborate with researchers in Switzerland. During the visit, they pursue a small joint research project.

Short visits may last from one week to three months. There are no geographical and topical restrictions. The grants include travel, room and board expenses.

Next deadline: **Anytime**

More information

### 4.2.44 Switzerland: State Secretariat for Education Research and Innovation (SERI): Graduate Research Opportunities Worldwide (GROW)

The best PhD students from NSF's Graduate Research Fellowship Programme (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 including Switzerland.

More information

### 4.2.45 Turkey: TÜBİTAK: 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 in industry 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**

More information

### 4.2.46 United Kingdom: The Royal Society: Sir Henry Dale Fellowship **NEW**

This scheme is for outstanding post-doctoral scientists wishing to build their own UK-based, independent research career addressing an important biomedical question.

Deadline: **1 December 2015**

More information
4.2.47 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

4.2.48 United Kingdom: Wellcome Trust: Principal Research Fellowships NEW

This is the most prestigious of the personal awards and provides long-term support for researchers of international standing. Successful candidates will have an established track record in research at the highest level.

Deadline: Anytime

More information

4.3 Databases and Further Information

4.3.1 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

4.3.2 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 fields between Austria and North America. OST staff can inform you on most relevant funding opportunities in Austria.

4.3.3 Belgium: a comprehensive webportal

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

Further information

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

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

More information
4.3.5 Canada: Government of Canada - International scholarship

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

For Canadians: Learn about opportunities for graduate study and research abroad.

For Non-Canadians: Learn about opportunities for study and research in Canada.

4.3.6 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

4.3.7 Denmark: Funding programs for research and innovation and Danish Innovation Centre in the USA

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

More information

4.3.8 Estonia: Estonia Research portal

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

More information

4.3.9 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 funding agencies.

4.3.10 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).

More information

4.3.11 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

4.3.12 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 predoctoral 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

4.3.13 Netherlands: EURAXESS portal: Overview of Dutch Fellowships and Grants

More information

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

Science Across Virtual Institutes (SAVI) is a mechanism to facilitate collaboration amongst 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:

5 Jobs

5.1 EURAXESS Portal

There are currently over 7,000 research jobs and fellowship programs (all over Europe, but also in other countries such as in the USA/Canada, and in all disciplines) accessible via the EURAXESS Jobs 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: National Research Council Canada 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/
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
NSF guidance of funding opportunities for [Graduate students](#)
NSF guidance of funding opportunities for [Postdoctoral fellows](#)
Funding opportunities at [researchusa.com](http://researchusa.com)

## 6 Events

### 6.1 Europe: Forthcoming events

<table>
<thead>
<tr>
<th>Event</th>
<th>When</th>
<th>Where</th>
<th>Organized by</th>
<th>Link to the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Info Day on Horizon 2020 Work program 2016-2017 ‘Smart, green and integrated transport’</td>
<td>5 November 2015</td>
<td>Brussels, Belgium</td>
<td>European Commission</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Crossing Biological Barriers – Advances in Nanocarrier Design for Targeted Delivery</td>
<td>9-11 November 2015</td>
<td>Dresden, Germany</td>
<td>DECHEMA</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>7th European Innovation Summit ‘A Pact for Innovation’</td>
<td>7-10 December 2015</td>
<td>Brussels, Belgium</td>
<td>Knowledge4Innovation</td>
<td><a href="#">Link</a></td>
</tr>
</tbody>
</table>

### 6.2 North America: Forthcoming events

<table>
<thead>
<tr>
<th>Event</th>
<th>When</th>
<th>Where</th>
<th>Organized by</th>
<th>Link to the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st European Scientific Diaspora Annual Meeting</td>
<td>19 November 2015</td>
<td>Washington, DC, USA</td>
<td>EURAXESS Links North America/ EU Delegation to USA / Member States</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>2015 Cell Biology (ASCB) Annual Meeting</td>
<td>12-16 December 2015</td>
<td>San Diego, CA, USA</td>
<td>ASCB</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>2015 American Geophysical Union’s (AGU) Fall Meeting</td>
<td>14-18 December 2015</td>
<td>San Francisco, CA, USA</td>
<td>AGU</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>EU Funding Opportunities for Early Career Researchers from Anywhere in the</td>
<td>15 December 2015</td>
<td>San Francisco, CA, USA</td>
<td>Part of the AGU Career Advice Workshops</td>
<td><a href="#">Link</a></td>
</tr>
</tbody>
</table>
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 to the virtual SINAPSE community of members, please go to our website and click on the Login Community hyperlink on the top right-hand side of the page. Membership is free!

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

Copyright© 2015 EURAXESS Links North America