Dear colleagues!

Welcome to the August issue of the EURAXESS Links North America Newsletter. We are very pleased to provide you with over 50 open calls for proposals (some ending already in September!!!) 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.

We are very excited about the video submission deadline being extended until 15 September 2014 hence you have still over 2 weeks to send us your great videos and become one of the finalists at our EURAXESS Science Slam 2014 North America contest which will be held at the MaRS Discovery District in Toronto, Canada on 22 October 2014. If you are not yet ready to submit your video, you can become a part of this wonderful evening as a participant and help us choose the BEST SLAMMER who will win a FREE round trip to Europe. The only thing you need to do is to register here.

We would like to remind you that this newsletter is dedicated for 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!

Yours,

the EURAXESS Links North America Team
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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

http://ec.europa.eu/euraxess

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1 EU Insight – The Pan-European Pension Fund RESAVER

One of the main goals of the European Research Area (ERA) strived for by the European Union (EU) is the implementation of "[a]n open labour market for researchers" which encompasses "facilitating mobility, supporting training and ensuring attractive careers" [3]. The free circulation of researchers, scientific knowledge and technology as called for in the Lisbon Treaty and European Council Conclusions is the key "through which the Union and its Member States strengthen their scientific and technological bases, their competitiveness and their capacity to collectively address grand challenges" [3].

However, being mobile often causes challenges to researchers, as for example amongst others, gaps can arise in their social security protection and the transfer of their pension rights when moving between different countries.

Initiatives to establish a pension scheme for mobile researchers

National efforts

One pilot initiative is the “Find you pension” portal which is part of the Supplementary pension institution of public sector employees in Germany (VBL) project ‘Partnership for researchers’. The aim is to remove obstacles to the mobility of researchers employed in the public sector with regard to their pensions. The core issue is to improve information services for the target group of mobile scientists.

Furthermore, the European Commission (EC) is supporting a consortium of employers, through Horizon 2020, in creating a single European pension arrangement (RESAVER) that will offer a defined contribution plan, tailor made for research organisations and their employees.

RESAVER – Retirement Savings Vehicle for European Research Institutions

In the 2012 ERA Communication, the European Commission made a commitment to support employers in removing pension as an obstacle for researchers’ mobility by “supporting stakeholders in setting up a pan-European supplementary pension fund for researchers”. Therefore, the EC is backing up a consortium of employers, through Horizon 2020, in creating a single European pension arrangement (RESAVER) that will offer a defined contribution plan, tailor made for research organisations and their employees.

At the end of June 2014, the Commission published a detailed brochure [1] and website section [2] on the EURAXESS Rights webpage which can be accessed via: rights.euraxess.org. The website and brochure contain information on

1. what RESAVER is;
2. what RESAVER offers;
(3) who should consider participating;
(4) what the advantages and challenges are;
(5) and what needs to be done to participate.

It also has a FAQ section.

Next steps

Currently, the European Commission’s “call for tender” to find a contractor able to provide technical assistance and expertise in the creation of the cross-border 2nd pillar IORP and the complementary country-specific insurance arrangement is open. The four year framework contract is expected to be awarded during the autumn of 2014.

In September 2014 an ad hoc employer consortium will be registered as an international non-profit organisation in Belgium. The employer consortium will promote the concept and prepare the ground for the establishment of RESAVER in 2015.

The European Commission will organise a series of seminars to inform employers on the possibilities and benefits offered by RESAVER. The next seminars will be held in Vienna on 29 October 2014 and in Copenhagen on 4 December 2014.

Sources

2 EURAXESS Links North America Activities

2.1 Do you want to have a Science Rockstar moment and show YOUR Research to the World?

Join our EURAXESS Science Slam 2014 contest!

Submissions stay OPEN until SEPTEMBER 15, 2014

WHAT: contest giving researchers based in North America the chance to use their creativity and communication skills to showcase their research projects to their peers and the wider public in a relaxed and joyful atmosphere.

WHO: researchers (all levels starting from PhD candidates) of all nationalities and research fields currently based in North America (Canada or USA)


HOW to join the competition:

1. Be creative and develop an original idea to present your research project to the world: Tap dancing, singing, oldschool presentation, scientific equipment – everything is allowed.

2. Make a max. 6-minute video of the presentation to be held in the LIVE finals with your camera phone (or equivalent). Make sure the presentation is in English.

3. Upload your video on the web and post a link to our Facebook site or our LinkedIn group. Participants can also send the link via email directly to northamerica@euraxess.net.

FINALS: The 5 best candidates will be invited* by EURAXESS to the LIVE finals held at the MaRS Discovery District in Toronto, Canada on 22 October 2014.

*Expenses covered:

Economy return flights (1 ticket per person) and hotel accommodation (up to 2 nights) to the finals will be booked and paid for by EURAXESS Links North America for the finalists based outside Toronto.
They will present a topic related to their research to an **audience of non-experts**. The slam will be given in **English** in less than **10 minutes** and can be supported by video and audio material, ppt. slides and any other kind of media available, as well as by scientific equipment.

The performances of the participants will be **judged by the audience and the jury** comprised of a team of science communicators, research scientists and/or administrators from North America and the two EURAXESS Links North America Representatives.

**PRIZE:**

The winner will be awarded:

1. **A free round-trip to Europe** (Bonn, Germany) in the **spring of 2015**.
2. In Europe, the winner will be invited to participate in a **science communication workshop** on “**Graphic Facilitation**”. The workshop will be held in Bonn, Germany.
3. During the stay in Europe, EURAXESS Links will assist in arranging a meeting at one research **organisation/institution of the winner’s choice within the European Research Area**. In case of a successful meeting arrangement, EURAXESS Links will finance the trip to this institute.

Check the **updated terms and conditions** and make sure to send your application **before 15 September 2014**.

For more details, visit us at scienceslamnorthamerica.euraxess.org!

**2.2 EURAXESS at the 14th German Academic International Network Conference, September 5-7 2014**

This September in Boston, the German Academic International Network (GAIN) will hold its annual meeting, the largest German science and research career fair in the US. More than 400 German scholars from all over the US will flock to the East Coast this fall to learn about funding and career opportunities from specialists from funding organizations. Officials from the German Federal Ministry for Reseach and Technology and a delegation of Members of Parliament have already agreed to participate to discuss science and educational policies.

More information: [GAIN Conference](http://ec.europa.eu/euraxess)

**2.3 Destination Europe Conference and Information Sessions in Canada, September 8-10, 2014**

Commissioner for Research, Innovation and Science – **Marie Geoghegan-Quinn** – will give a key note speech during the Destination Europe Conference held at McGill University in Montreal, QC on September 8, 2014. This
conference will be followed by two information sessions on EU funding opportunities held at Queen's University in Kingston, ON (September 9) and Universite Laval in Quebec City, QC (September 10). EURAXESS Links North America together with the ERA-Can+ project partner AUCC is the main organizer of the information sessions.

Registration for the Destination Europe Conference
Registration for the Information sessions

More information can be found on our website.

3 News & Developments

3.1 EU and Member States

3.1.1 Two Fields Medals 2014 awarded to EU-funded mathematicians

The 2014 Fields Medals were awarded today to four outstanding mathematicians, of whom two are grantees of the European Research Council (ERC): Prof. Artur Avila (Brazil-France), an ERC Starting grant holder since 2010, and Prof. Martin Hairer (Austria) has been selected for funding under an ERC Consolidator grant in 2013. They received the prize respectively for their work on dynamical systems and probability, and on stochastic analysis. The other two laureates are Prof. Manjul Barghava (Canada-US) and Prof. Maryam Mirzakhani (Iran). The Medals were announced at the International Congress of Mathematicians (ICM) taking place from 13 – 21 August in Seoul, South Korea.

Source: European Commission

3.1.2 Commission announces €100 million Fast Track to Innovation and five innovation prizes

The European Commission today presents details of a new €100 million “Fast Track to Innovation” (FTI) pilot action and five innovation prizes under Horizon 2020, the European Union’s €80 billion research and innovation programme. The FTI aims to support Europe's economy by offering innovative businesses and organisations grants to give a final push to get great ideas to market. The prizes offer a reward for technological breakthroughs of high societal relevance. The initiatives underscore the drive to support innovation in Europe as part of the first, two-year Horizon 2020 work programme. Today's announcement also confirms the €7 billion for Horizon 2020 calls during 2015 and sets out the timetable for applications (MEMO/14/492).

Source: European Commission

For more information on FTI and innovation prizes, read also “First Horizon 2020 Work Programme update – launch of FTI and innovation prizes” (Source: European Commission)
3.1.3 155 small firms to receive funding in first wave of grants under EU SME Instrument

The European Commission today announces the first results of its new €3 billion SME Instrument, launched under Horizon 2020 to help innovative small firms get ideas from the lab to the market. In total, 155 SMEs from 21 countries (EU Member States or countries associated to Horizon 2020) will each receive €50,000 to finance feasibility studies to develop their innovation strategy. In addition, SMEs can benefit from up to three days of business coaching.

Spanish SMEs were particularly successful in the first round, with 39 proposals selected, followed closely by SMEs from the UK and Italy. In total, there were 2,666 applications for the first grants. Successful applicants will be formally notified in August. Thereafter, their names will be publicly announced by the Executive Agency for SMEs (EASME), which manages the programme.

Source: European Commission

3.1.4 Safer cruise ships thanks to EU-funded research

When choosing their summer holidays, many European opt for a cruise, or use a ferry to get where they are going. A very important aspect of passenger shipping is safety. Thanks to EU-funded research, evacuating large passenger ships could be even smoother and safer in future. EU-funded researchers are also helping to design more stable cruise ships and ferries.

The three-year LYNCEUS project, which ends in early 2015, is demonstrating how low-power wireless technologies can help localise and track people onboard ships, providing essential information in cases of evacuation, and improve overboard search and rescue. The aim is to revolutionise current emergency management and ship evacuation practice.

Source: European Commission

3.1.5 European Commission proposes a higher and achievable energy savings target for 2030

New opportunities for European businesses, affordable energy bills for consumers, increased energy security through a significant reduction of natural gas imports and a positive impact on the environment: these are some of the expected benefits of the energy efficiency target for 2030 put forward today by the European Commission in a Communication. The proposed target of 30% builds on the achievements already reached: new buildings use half the energy they did in the 1980s and industry is about 19% less energy intensive than in 2001.

The proposed target goes beyond the 25% energy savings target which would be required to achieve a 40% reduction of CO2 emissions by 2030. At the same time the framework on energy efficiency put forward today aims to strike the right balance between benefits and costs.

Source: European Commission
3.1.6 How are breast cancer care services organised in Europe?

The JRC published a comprehensive report of breast cancer care services in Europe based on a survey which analysed the current situation in 25 countries that voluntarily participated in the study. This report is a major step towards the development of a European quality assurance scheme for breast cancer services, which is part of the European Commission Initiative on Breast Cancer coordinated by the JRC.

Source: Joint Research Centre

3.1.7 Water re-use in Europe – what do you think?

Water re-use is not widespread in Europe. Most wastewater from urban treatment plants is simply flushed out into rivers and lakes. But increasing re-use would help us respond to the increasing problems of water scarcity and drought, while reducing the risk of contamination from wastewater and lowering treatment costs. Re-use of water also has a lower environmental impact than getting it from other sources such as inter-regional water transfers or desalination.

In spite of these advantages and the considerable potential for further development, there are several reasons why the level of re-use is so low, including:

- Lack of common EU environmental/health standards for water re-use
- Potential obstacles to the free movement of agricultural products that were irrigated with re-used water
- Inadequate water pricing and business models
- Low stakeholder awareness about the benefits of water re-use
- Lack of public acceptance
- Technical barriers and scientific uncertainties

The European Commission is launching a public consultation on a range of possible EU measures that would encourage the re-use of treated wastewater. We want to know what citizens, stakeholders, businesses, NGOs and public authorities think about the potential of re-use and obstacles to it, and what kind of regulatory and non-regulatory EU measures could effectively address these concerns and increase the uptake of safe water re-use in the EU.

Next Steps

The consultation, which is available here, is open until 7 November 2014. The results will feed into an Impact Assessment covering all key aspects of water re-use, including agricultural, urban, industrial, and recreational uses. In 2015, the Commission intends to present a formal proposal based on the evidence contained in the impact assessment.

Source: European Commission
3.1.8 New activity to harness the potential of Horizon 2020 and European Structural and Investment Funds (ESIF)

The Commission has launched a new activity within the Smart Specialisation Platform (S3P) in order to support regions and countries that joined the EU since 2004 to develop and exploit the synergies between Horizon 2020 (H2020) and European Structural and Investment Funds (ESIF).

The project, entitled "Synergies between Cohesion Policy and R&I funds: the Stairway to Excellence (S2E) Project" will be officially launched at a conference in Prague on 2-3 October 2014.

The conference aims to launch the project and explain its rationale, objectives and roadmap, to raise awareness of the actions needed to enable synergies between different EU funding programmes for research and innovation, and to share experiences in combining Structural Funds and Framework Programmes to improve excellence in R&I systems.

For more information on the launch event, please visit the dedicated website.

Source: Joint Research Centre

3.1.9 EU-funded tool to help our brain deal with big data

Every single minute, the world generates 1.7 million billion bytes of data, equal to 360,000 DVDs. How can our brain deal with increasingly big and complex datasets? EU researchers are developing an interactive system which not only presents data the way you like it, but also changes the presentation constantly in order to prevent brain overload. The project could enable students to study more efficiently or journalists to cross check sources more quickly. Several museums in Germany, the Netherlands, the UK and the United States have already showed interest in the new technology.

Data is everywhere: it can either be created by people or generated by machines, such as sensors gathering climate information, satellite imagery, digital pictures and videos, purchase transaction records, GPS signals, etc. This information is a real gold mine. But it is also challenging: today's datasets are so huge and complex to process that they require new ideas, tools and infrastructures.

Researchers within CEEDs (@ceedsproject) are transposing big data into an interactive environment to allow the human mind to generate new ideas more efficiently. They have built what they are calling an eXperience Induction Machine (XIM) that uses virtual reality to enable a user to 'step inside' large datasets. This immersive multi-modal environment – located at Pompeu Fabra University in Barcelona – also contains a panoply of sensors which allows the system to present the information in the right way to the user, constantly tailored according to their reactions as they examine the data. These reactions – such as gestures, eye movements or heart rate – are monitored by the system and used to adapt the way in which the data is presented.

Source: European Commission
3.1.10 Careers: Virtual mobility can drive equality

At the EuroScience Open Forum (ESOF2014) in June, scientists, policy-makers and the public discussed 'virtual mobility'.

A session on ‘New concepts of mobility to foster career development and gender balance in Europe’ was jointly organised by the European Science Foundation (ESF) and the mobile Women in Science Engineering and Technology (m-WiSET) working group of Marie Curie Fellows Association (MCFA). As part of the EuroScience Open Forum (ESOF 2014) taking place in Copenhagen from 21-26 June 2014, this session was held at the Carlsberg museum on Sunday 22 June and was attended by around 100 participants.

The outcome of this session was published in the format of a Correspondence in Nature in July 2014 entitled “Virtual mobility can drive equality”.

Read the full Correspondence online or download the pdf version.

For more information on the session itself (programme, discussions, etc.) click here.

Source: European Science Foundation

3.1.11 HEALTH - Age-defying bats could help us live longer

Researchers are studying the DNA of bats in order to shed light on why they age so slowly - something which could help uncover ways to reverse the ageing process.

Bats are the longest-lived mammals relative to their body size, using more energy and living for longer than other mammals of a similar size.

By studying bats, the European Research Council-funded AGELESS project, which runs until 2017, aims to understand more about the mechanisms that lead to ageing, and potentially uncover the cellular processes that can be modified to halt, lessen and even reverse the process in people.

Dr Emma Teeling, a geneticist at University College Dublin, and principal investigator of AGELESS, believes that one of their greatest evolutionary feats may lie in an ability to subvert nature’s standard ageing process.

‘Among most mammals, there is a correlation between life expectancy and body mass,’ she said. ‘Smaller creatures with higher metabolic rates tend to age faster than larger ones. But, while mice and rats survive only a year or two in the wild, some bats can make it past their forties,’ said Dr Teeling.

Dr Teeling is using genetic sequencing to look at any chemicals that change in bat blood over their lifespan.

‘The objective is to compare not only the DNA sequence, but also which genes get activated or deactivated as the organism grows older,’ said Dr Teeling. ‘In humans, the expression of genes becomes chaotic over the years. We want to see if this is any different in bats.’

Source: HORIZON The EU Research & Innovation Magazine
3.1.12 ENERGY- World's biggest freezer to cool hotter-than-the-sun reactor

Engineers are starting work on the world's biggest freezer – a giant cryogenic plant that will cool parts of the International Thermonuclear Experimental Reactor (ITER) to a fraction above absolute zero.

ITER is an internationally funded nuclear fusion reactor being built in southern France which, if successful, could solve much of the world's energy needs without producing radioactive waste.

In order to do so, it aims to produce energy through the same nuclear reaction that powers the sun. But, while the centre of the sun burns at 15 million degrees Celsius, the hydrogen inside the ITER reactor will be heated to some 150 million degrees Celsius.

At that temperature, electrons are ripped off individual atoms to form plasma inside the reactor, where nuclei float in a sea of electrons.

The high temperature means the plasma cannot be allowed to touch the sides of the reactor. So it will be suspended in a vacuum within a toroid – a doughnut shape – using some of the world’s most powerful magnets.

That’s where the cryoplant comes in – these electromagnets are made from coils of superconducting wire that are cooled using liquid helium. Parts of the system need to be cooled to temperatures as low as minus 269 degrees Celsius, or four kelvin, which is four degrees Celsius above absolute zero, the lowest temperature theoretically possible.

While the copper wire used in standard electromagnets loses heat and energy during operation, the supercooled niobium-titanium and niobium-tin wire used in the superconducting magnets can conduct very large electrical currents with no loss of energy.

It is these electrical currents that will generate and sustain the intense magnetic fields required to contain the hot plasma.

Source: HORIZON The EU Research & Innovation Magazine

3.2 Canada

3.2.1 NRC and KalGene targeting brain cancers

The National Research Council of Canada (NRC) and KalGene Pharmaceuticals are proud to announce an agreement to co-develop a new treatment against aggressive brain cancers.

By combining their research, NRC and KalGene are targeting glioblastomas, which are severe brain tumours associated with a median patient survival of about 15 months. The collaboration couples KalGene's proprietary therapeutic antibody with NRC's single domain antibodies to enable delivery inside the brain, a promising strategy that may lead to improved outcomes for patients.
Acting as carriers, NRC’s antibodies will shuttle KalGene’s antibody across the challenging blood-brain barrier to target the tumour cells in the brain.

Source: National Research Council Canada

3.2.2 Genomics Research and Development Initiative renewed to continue research in agriculture, environment, fisheries, forestry, and health

The Honourable Ed Holder, Minister of State for Science and Technology and John R. McDougall, President of the National Research Council of Canada (NRC), are proud to announce the renewal of the Genomics Research and Development Initiative (GRDI).

The Government of Canada is committing $99.5 million to the initiative over the next five years to continue research in agriculture, environment, fisheries, forestry, and health. Genomics is the science that studies DNA sequences and the complex interactions of genes found in living organisms. Researchers in this field generate science-based knowledge to support the formulation of policies, standards, and regulations related to the responsible introduction and ongoing monitoring of a variety of products.

GRDI is a unique Canadian initiative that coordinates eight federal science departments and agencies in the field of genomics research: the National Research Council of Canada, Agriculture and Agri-Food Canada, Health Canada, Fisheries and Oceans, the Canada Food Inspection Agency, Environment Canada, Natural Resources Canada, and the Public Health Agency of Canada.

Source: National Research Council Canada

3.2.3 Harper Government Unveils Major New Commitment to Supporting Innovation and Commercialization in Atlantic Canada

ACOA’s enhanced and streamlined innovation programming to invest $450 million over the next five years in projects throughout the region

At an event today in the presence of business and research and development (R&D) leaders from throughout Atlantic Canada, the Honourable Rob Moore, Minister of State (Atlantic Canada Opportunities Agency), announced strengthened innovation programming to help businesses become more innovative, productive and competitive.

ACOA’s innovation programming – which includes the flagship Atlantic Innovation Fund, as well as the Business Development Program – has been enhanced to respond better to the evolving needs of businesses and researchers, helping them to develop and bring to market new products, technologies and services that meet market demands and global quality standards. The programs will also support SMEs in acquiring or adapting innovative technologies that can improve their productivity and competitiveness, and enable them to build the skills they need to innovate and compete in today’s economy.
Among the enhancements are a streamlined project application and evaluation process that cuts red tape while maintaining ACOA's high standards for excellence, rigorous review and due diligence. In addition, by offering more funding flexibility for smaller-scale projects, the programs will be accessible to a wider range of businesses throughout Atlantic Canada, including those in rural areas.

Source: Government of Canada

3.2.4 Canada's Contribution to the OSIRIS-REx Asteroid Sample Return Mission

Canada is partnering with the National Aeronautics and Space Administration (NASA) on OSIRIS-REx, the first US-led mission to return a sample from an asteroid to Earth. Since asteroids are made of primal material left over after planets formed, the mission will help scientists investigate the formation of our planets and solar system, the origin of water and organic material on Earth, and improve our understanding of asteroids that could impact Earth. OSIRIS-REx marks the first time Canada is participating in an international mission to return an extraterrestrial sample to Earth.

Source: Government of Canada

3.2.5 A Slyce of the Technology Pie

Start-up technology company opens technical support hub in New Waterford

Slyce Inc. is the creator of a state-of-the-art application that uses image recognition technology to allow consumers to identify and purchase products by simply snapping a photo of the item with a smartphone or scanning an image on their desktops. The application transforms a photo of the product into a click-to-purchase transaction automatically, changing the way leading retail brands and consumers do business via the web and mobile devices.

The company is opening a technical hub in New Waterford to support the application. The total cost of establishing the Cape Breton location is in excess of $2 million and the company is receiving a repayable contribution of $150,000 from the Government of Canada, through ACOA’s Business Development Program. The project will create 60 jobs in Cape Breton.

Source: Government of Canada

3.2.6 Harper Government Investment in High Tech Equipment Advances Alberta's Micro and Nanotechnology Industry

Today, the Honourable Michelle Rempel, Minister of State for Western Economic Diversification, announced an investment of $3.3 million toward the purchase and installation of specialized advanced manufacturing and product development equipment at the Alberta Centre for Advanced Micro Nano Technology Products (ACAMP), as well as training on the use of this new equipment for small- and medium-sized enterprises (SMEs).

This support, combined with an investment of $800,000 from Alberta Innovates Technology Futures, will enable ACAMP to expand their services and provide
businesses with affordable access to prototype manufacturing that is currently unavailable in western Canada. By helping SMEs accelerate the development and commercialization of innovative products, this project will help strengthen the global competitiveness of western Canadian technology companies.

Approximately 80 Alberta SMEs will benefit from this initiative, which is expected to result in the development of new product prototypes, the creation of new jobs in the field, as well as connections between SMEs and multi-national companies. This equipment will also assist ACAMP’s outreach activities across the western Canadian provinces.

Source: Government of Canada

3.2.7 Minister of State Holder highlights support for 28 science and engineering researchers and students at the University of New Brunswick

The Honourable Ed Holder, Minister of State (Science and Technology), today highlighted the funding that scientists, engineers and students at the University of New Brunswick received through the Natural Sciences and Engineering Research Council of Canada (NSERC).

Nearly $2.4 million will go to benefit 28 researchers and trainees at the University of New Brunswick, including Dr. Richard B. Langley, who is receiving $170,000 to improve the positioning precision and accuracy of the Global Positioning System (GPS) and of the next generation of European, Japanese and other global navigation satellite systems.

He and his team will also use the funding to analyze data from their GPS instrument on the Canadian CASSIOPE research satellite, which is studying Earth's ionosphere. Those studies will help scientists better understand space weather and its effects on infrastructure here on the ground and in space.

Source: Government of Canada

3.2.8 Minister of State Holder highlights support for eight science and engineering researchers and students at the Université de Moncton

The Honourable Ed Holder, Minister of State (Science and Technology), today highlighted the funding that scientists, engineers and students at the Université de Moncton received through the Natural Sciences and Engineering Research Council of Canada (NSERC).

Nearly $790,000 will go to eight researchers and trainees at the Université de Moncton, including Dr. Pandurang Ashrit, who is receiving $205,000 to study and develop new thin films for windows that reflect infrared light to keep you cool in summer but still allow sunlight to shine through. He and his team are also exploring ways to apply thin films to the outside of satellites to protect interior electronics from overheating.

When facing the sun, satellites can get as hot as 150ºC, requiring complex cooling systems that take up a lot of precious space and add much weight. Dr.
Ashrit's thin film has the potential to reflect heat from the sun, make satellites lighter and free up a significant amount of space for other uses.

Source: Government of Canada

3.2.9 MP Kerr highlights support for four science and engineering researchers and students at Acadia University

Greg Kerr, Member of Parliament for West Nova, on behalf of Ed Holder, Minister of State (Science and Technology), today highlighted the funding that scientists, engineers and students at Acadia University received through the Natural Sciences and Engineering Research Council of Canada (NSERC).

Nearly $280,000 will go to four researchers and trainees at Acadia University, including Dr. Nelson J. O'Driscoll, who is receiving $45,653 to update equipment used to provide state-of-the-art analysis of mercury contaminants in air, water, soils and organisms. His research focuses on methylmercury, the most dangerous form of the element, which is absorbed by plants and animals and passed along the food chain.

Dr. O'Driscoll's research to understand why some ecosystems are susceptible to mercury will lead to better protection and preventative measures to ensure the health and well-being of Canadians and protect our environment.

Source: Government of Canada

3.2.10 Minister Kenney talks skills training on tour of GE Aviation Engine Testing Research & Development Centre

The Honourable Jason Kenney, Minister of Employment and Social Development, and Joyce Bateman, Member of Parliament for Winnipeg South Centre, met today with Mr. Vic Gerden, CEO of WestCanitest R&D (WestCaRD) and Mr. Ken Webb, Executive Director of Manitoba Aerospace, to discuss the Government of Canada's actions to ensure Canadians have the skills in demand in today's economy. Minister Kenney, MP Bateman, Mr. Gerden and Mr. Webb were touring the GE Aviation Engine Testing Research & Development Centre in Winnipeg.

More than 50 percent of employment in Canada's aerospace industry is comprised of occupations in science, technology, engineering and math (STEM). Minister Kenney highlighted the importance of encouraging Canadians to pursue careers in high-demand STEM occupations to help ensure their own success, as well as the continued growth of key industries, such as aerospace.

He noted several supports provided by the Government, including $40 million over two years, announced by Prime Minister Stephen Harper in May 2014, to support up to 3,000 paid internships for post-secondary graduates in high-demand fields. The Government is also taking steps to provide more information to youth on the job prospects and benefits of working in the skilled trades and STEM occupations.
The Government of Canada is taking action to help Canadians connect with jobs through a variety of initiatives outlined in its Economic Action Plan. These include introducing the Canada Job Grant, the Canada Apprentice Loan and apprenticeship grants.

Source: Government of Canada

3.2.11 Industry Minister Moore announces support for new space technologies that will provide crucial information about the Earth

Today, Industry Minister James Moore announced support for the development of new Earth Observation (EO) products that will provide crucial data to better understand our planet and manage our resources.

The investment of close to $6.7 million will position Canadian industry to create innovative systems, products and services that will optimize the use of data from Canadian Space Agency-supported Earth Observation missions, in particular RADARSAT-2. RADARSAT-2 provides the radar imaging needed for managing natural resources and monitoring the environment in the 21st century.

The new technologies developed will enhance radar data from EO satellites to more accurately monitor Canada's natural environment to help keep Canadians safe and grow the economy. This information will be used to:

- help the agricultural industry monitor crops and forecast yields;
- help map Canada's wetlands, study river ice;
- help monitor Canada's forest inventory;
- monitor pipelines and oil and gas transportation;
- monitor natural disasters such as floods and landslides.

This initiative is aligned with Canada's Space Policy Framework and supports three of its core principles:

"Canadian Interests First"

New applications will be developed to make effective use of the EO data, providing valuable information to address Canada's needs, such as managing natural resources and monitoring natural disasters.

"Excellence in Key Capabilities" and "Positioning the Private Sector at the Forefront of Space Activities"

The research and development (R&D) conducted will increase the level of expertise and competitiveness in proven competencies such as remote sensing.

Source: Government of Canada

3.2.12 How to build Canada's science and technology infrastructure

Government support of research and development should focus on expanding its ability to engage in early basic research, where justification for government
intervention is strongest, while incentivizing programs that will help bring these discoveries to market. To better appreciate this point we need look no further than across our largest border. Over the last three decades American universities have taken on a greater role in research and development as many large corporations have shut down or repurposed their central research laboratories.

Bell Labs (a subsidiary of AT&T until 1995) is an excellent example. Founded in 1925, Bell Labs built the world’s most advanced and reliable telecommunications networks due to seminal scientific discoveries initially funded by a government grant of 50,000 Francs (~$250,000 in current dollars) awarded by the French government to Alexander Graham Bell in 1880. Because so much of their results spilled over to other firms and industries, the incentive for Bell Labs to continue to perform this kind of foundational, generic research began to wane as competition in the telecommunications industry arose in the 1980s and 1990s. In response, Bell Labs was restructured to focus on more incremental technological improvements with shorter-term payoffs.

Like Bell Labs, American companies have since continued to shift their corporate research and development to later-stage applied research and development in response to competition pressures, and between 1991 to 2008 basic research as a share of total corporate research and development funding in the United States had fallen by 3.2%, while applied research had fallen by 3.7%. In contrast, development’s share has increased by 6.9% (from the National Science Board, Science and Engineering Indicators 2010, appendix tables 4-7, 4-8, 4-9 and 4-10).

This is not only true of the U.S. but of Canada as well:

“Today, more than ever, successful innovations come from companies involved in partnership arrangements, whether with other firms or with knowledge institutions. This is a significant change from 40 or 50 years ago, when innovations generally came from large firms acting on their own.

In short, the innovation landscape has changed. And the rate of change is accelerating.”

- The Honourable Gary Goodyear (Minister of State, Science and Technology), 12th Annual Re$earch Money Conference. April 9, 2013

The prioritization of investment toward shorter-term, less fundamental research, such as is presently being implemented by the Canadian government, stifle innovation by shrinking the knowledge pool that sustain later-stage research and development pipelines. In the U.S., universities currently perform 56% of all basic research, compared to 38% in 1960, which they pass on to the private sector in the form of patents. Between 1991 and 2009, licensing income in the U.S. increased from $1.9 million per institution to $13 million per institution, and new start-ups formed as a result of university research increased from 212 in 1994 to 685 in 2009 (see Richard Kordal, Arjun Sanga and Reid Smith, eds., AUTM Licensing Activity Survey: FY2009 Summary: A Survey Summary of Technology Licensing (and Related) Activity for U.S. Academic and Nonprofit Institutions and Technology Investment Firms; and Robert D. Atkinson and

The Expert Panel on Federal Support to Research and Development highlights this point by explaining that “the strength of the justification [for public support of research and development] declines as research activities progress through the various stages leading to commercialization – i.e., from basic research through to applied research, experimental development, and commercialization. The benefits of these successive activities are progressively more likely to be captured by the research and development performer, and there is correspondingly less likelihood of ‘spill-over’ to the larger economy.”

The Canadian government could not be better positioned to revitalize its science policy. Canadian postsecondary education is already recognized worldwide for its excellence, Canada presently graduates significantly more high-calibre research PhDs than it can gainfully employ, and the recent combination of automatic spending cuts the American public instituted to their federal budget this year, deadlocked Congress, and the diminishing support by the American government for the basic sciences has created a unique opportunity for Canada to reverse the brain-drain and establish itself as a world leader in knowledge market. By investing in more independent research positions that foster linkages between public and private sectors, re-evaluating the role scientists play in primary research institutions, restructuring patent laws to better reflect scientist contributions and incentive academics to partner with private companies to bring products to market, it is possible to leverage existing scientific infrastructure, bridge existing disconnects between research and development, and sling-shot Canadian innovation in the high technology sector into a dominant global role to drive economic growth in this country.

The Council of Canadian Academies ranked Canada’s science and technology as fourth in the world behind the U.S., the U.K. and Germany. It is time we start aiming for number one. Let this be this administration’s legacy.

Source: *University Affairs*

### 3.3 United States of America

#### 3.3.1 NIH awards $14.5 million to research groups studying newest DNA sequencing techniques

A number of micro-sized technologies — such as nanopores and microfluidics — are among the approaches researchers will use to develop high quality, low cost DNA sequencing technology through new grants from the National Institutes of Health. The grants, which total approximately $14.5 million to eight research teams over two to four years as funds become available, are the last to be awarded by the Advanced DNA Sequencing Technology program of the National Human Genome Research Institute (NHGRI), a part of NIH.

The new group of awards — which total more than $4.5 million in the first year — is wide-ranging, and includes several research projects directed at improving the use of nanopores in DNA sequencing or creating nanopore arrays to enable large-scale DNA sequencing efforts.
For the past several years, nanopore research has been an important focus of the program’s grants. Nanopore-based DNA sequencing entails threading single DNA strands through tiny pores in a membrane. Bases — the chemical letters of DNA — are read one at a time as they squeeze through the nanopore. The different bases are identified by measuring differences in their effect on electrical current flowing through the pore. Nanopores used in DNA sequencing are extremely small, perhaps only about 2 nanometers wide, and come in several types: protein; solid state (also called synthetic); and even nanopores made of DNA. A nanometer is 1 billionth of a meter; a human hair is 100,000 nanometers wide.

Source: National Institutes of Health

3.3.2 NASA Selects U.S. Small Business Technology Transfer Projects for Further Development

NASA has selected 23 proposals from small business and research institution teams to continue the development of innovative technologies that will support future agency mission needs and may also prove viable as commercial products and services.

The Phase II selectees in NASA’s Small Business Technology Transfer (STTR) Program are permitted to enter negotiations for possible contract awards, worth a combined total of approximately $17.2 million.

Technologies selected for further development under STTR Phase II will demonstrate the feasibility of new propellants for in-space propulsion, increase capabilities to perform autonomous navigations, and advance new methods for the manufacturing of advanced materials. High-tech firms in 13 states also have submitted selected proposals in partnership with research institutions spread out among 15 states.

“As teams in our Small Business Technology Transfer Program move into this second phase of development, we’ll see innovative concepts mature into technologies that can enhance our exploration plans on journeys to asteroids and Mars, while benefitting our technology based economy here on Earth,” said Michael Gazark, NASA’s associate administrator for space technology in Washington. “Through modest investments in technology development among American small business and research institution teams, we’re developing the new knowledge and capabilities needed to keep NASA leading the way forward in space exploration, while also keeping America in the lead in high-tech business enterprises.”

Source: NASA

3.3.3 Advancing Global Cooperation in Space Exploration

Mangala Sharma, 2012-14 AAAS Policy Fellow at the Department of State Office of Space and Advanced Technology, co-organized the first-ever ministerial-level International Space Exploration Forum (ISEF) on January 9, 2014 in Washington at the State Department. The meeting brought together nearly 140 high-ranking government officials, including 30 heads of space...
agencies, from both established and emerging space faring nations to encourage cooperation in space exploration.

Alumnus fellow Dr. Jonathan Margolis (1991-92, Department of State) served as moderator. White House Science and Technology Director John Holdren discussed the announcement by the White House that it approved an extension of the International Space Station until at least 2024 to enable the continuation of research in the orbiting laboratory. U.S. Deputy Secretary of State William Burns and NASA Administrator Charles Bolden also made remarks.

Source: AAAS

3.3.4 NSF invests in science and engineering infrastructure across the nation

Kentucky, Maine, Missouri, North Dakota, South Dakota, and the U.S. Virgin Islands will each receive $20 million for strategically aligned innovative research

Six jurisdictions have received Research Infrastructure Improvement (RII) Track-1 awards from the National Science Foundation’s (NSF) Experimental Program to Stimulate Competitive Research (EPSCoR).

The $20 million awards will bolster science and engineering academic research infrastructure in the U.S. Virgin Islands and five states: Kentucky, Maine, Missouri, North Dakota and South Dakota. Each five-year award will support fundamental research; science, technology, engineering and mathematics (STEM) education and workforce development in areas relevant to the jurisdictions’ economic and other vital interests.

"These projects exemplify the national imperative to engage in cutting edge research, provide educational opportunities for future generations of scientists, stimulate the economy and create jobs," said Denise Barnes, head of NSF’s EPSCoR program. "Additionally, these projects are impressive in their complexity, state-wide scope and integration of individual researchers, institutions and organizations as well as in their role in developing the diverse, well-prepared, STEM-enabled workforce necessary to sustain research competitiveness and economic growth."

Each award targets technologically relevant strategic themes. The research, education and outreach activities also consider economic and environmental factors related to the consequences of climate disruption. Several jurisdictions are tackling the scientific underpinnings of sustaining crop yields for agricultural production (Missouri, South Dakota and North Dakota); two jurisdictions are focusing on coastal ecological challenges (Maine and the U.S. Virgin Islands). Energy and sustainable materials with a focus on economic drivers and end-users are central themes for two jurisdictions (Kentucky and North Dakota).

Source: NSF

3.3.5 NSF grants establish regional science and engineering collaborative consortia

About $18 million is being awarded to three regional consortia that will collaborate on science and engineering research, education, and outreach to
accelerate progress on scientific grand challenges, strengthen workforce capabilities, and broaden the participation of underrepresented groups in science, technology, engineering, and mathematics.

The National Science Foundation (NSF) announced funding for three science and engineering research consortia that will forge regional partnerships in Nebraska-Kansas, Arkansas-Missouri, and Louisiana-Mississippi. Each consortium will receive Research Infrastructure Improvement (RII) Track-2 awards of up to $6M through NSF's Experimental Program to Stimulate Competitive Research (EPSCoR).

Collectively, these awards, which span six states, involve researchers from about 20 universities over a three-year period. The three RII Track-2 consortia are tackling nationally-important scientific challenges that range from molecular level investigations of individual electrons to advanced development of materials, genomics, and biotechnology. Each consortium will implement a unique suite of regionally-relevant activities for developing a scientifically literate workforce and broadening participation of underrepresented groups in science, technology, engineering and mathematics (STEM).

"These consortia will spur technological innovations that drive economic growth and develop a diverse STEM-enabled workforce" said Denise Barnes, Head of NSF's EPSCoR program.

Source: NSF

3.3.6 Outcomes of the Fifth US-China Innovation Dialogue

On July 8, U.S. Assistant to the President for Science and Technology Dr. John Holdren and Chinese Minister of Science and Technology Wan Gang co-chaired the fifth U.S.-China Innovation Dialogue in Beijing, China.

The day before the Innovation Dialogue, on July 7, experts from the United States and China met to discuss reports on ongoing research on the best means to spur innovation through policy. A group of Chinese experts and a group of American experts reached joint conclusions about their research related to China's High and New Technology (HNTE) tax incentive program. The experts reports are posted at the following link: http://igcc.ucsd.edu/publications/igcc-in-the-news/news_20140714.htm.

The Dialogue took place the day prior to the 6th U.S.-China Strategic and Economic Dialogue. The following outcomes were announced:

Based on the experts groups' willingness to work on broader analyses of the HNTE program through case studies, China committed to design a pilot project to address concerns about the global exclusive license requirement for applicants.

The United States and China resolved to protect the legal rights of inventors in accordance with their respective domestic laws and regulations, and in line with their domestic laws committed to respect the rules and policies developed by employers and/or legitimate contracts between employers and inventors concerning the awards and/or remuneration of inventors.
The United States and China decided to cooperate on smart infrastructure for urbanization technologies through enhanced cooperation across the full continuum of basic research, R&D, standards development, demonstration, and market formation activities. The United States and China are each designating a point of contact to facilitate collaboration on smart infrastructure for urbanization activities including a framework plan to allow active participation by each country's companies and experts in the other's activities. Understanding that electric vehicle (EV) collaboration is a priority, the U.S. Trade and Development Agency is to support one workshop on technical standards and interoperability as they relate to EV urban infrastructure. The American National Standards Institute (ANSI)'s Electric Vehicle Standards Panel will be the U.S. Coordinator and the China Automotive Technology and Research Center will be the Chinese Coordinator.

Source: White House - Office of Science and Technology Policy

3.4 Cooperation EU – Canada

3.4.1 Harper Government Investment in World’s Most Promising Young Researchers

The 2014 Vanier Scholarships and Banting Fellowships will continue to support discovery research as well as improve the economic prosperity and quality of life of Canadians.

The Harper Government demonstrated its commitment to developing, attracting and retaining the best young researchers in Canada and from around the world with today’s announcement of 166 new Vanier Canada Graduate Scholarship recipients and 70 new Banting Postdoctoral Fellowship recipients.

The Honourable Ed Holder, Minister of State (Science and Technology), and the Honourable Peter Van Loan, Leader of the Government in the House of Commons, were at the University of Toronto today to announce over $34 million in awards. These prestigious awards will support world-class doctoral students and post-doctoral fellows carrying out leading-edge research in the health sciences, natural sciences and engineering, and social sciences and humanities at universities in Canada or Canadians carrying out research at institutions around the world.

Source: Government of Canada

More information about the Vanier Canada Graduate Scholarships and Banting Postdoctoral Fellowships here.

3.5 Cooperation EU – US

3.5.1 NIH and Italian scientists develop nasal test for human prion disease

A nasal brush test can rapidly and accurately diagnose Creutzfeldt-Jakob disease (CJD), an incurable and ultimately fatal neurodegenerative disorder, according to a study by National Institutes of Health (NIH) scientists and their Italian colleagues.
Up to now, a definitive CJD diagnosis required testing brain tissue obtained after death or by biopsy in living patients. The study describing the less invasive nasal test appears in the Aug. 7 issue of the New England Journal of Medicine.

CJD is a prion disease. These diseases originate when, for reasons not fully understood, normally harmless prion protein molecules become abnormal and gather in clusters. Prion diseases affect animals and people. Human prion diseases include variant, familial and sporadic CJD. The most common form, sporadic CJD, affects an estimated 1 in one million people annually worldwide. Other prion diseases include scrapie in sheep; chronic wasting disease in deer, elk and moose; and bovine spongiform encephalopathy (BSE), or mad cow disease, in cattle. Scientists have associated the accumulation of these clusters with tissue damage that leaves sponge-like holes in the brain.

Source: National Institutes of Health

3.5.2 Discover the 2014 NETVA Laureates!

15 French companies have been selected to participate in the 2014 edition of the NETVA (New Technology Venture Accelerator) program, a unique program of preparation and exposure to high-tech U.S. markets for young innovative French companies. NETVA responds to the need for international expansion faced by young French startups in high technology. They companies will be participating in a seminar followed by several days of training before coming to the U.S. for their immersion week in the fall.

The Seminar

On June 30th in Paris, the companies were participating in the fifth NETVA Seminar, held at the Headquarters of Microsoft France, in Paris. This unique event (open to the public), organized by the Office for Science and Technology from the Embassy of France in the United-States, tackled the American market and explored various subjects for entrepreneurs to know in order to succeed in the United-States.

The laureates

In 2014, 87 young innovative companies applied to the French national competition to participate in this year’s NETVA program. These candidates went through two selection processes to determine this year’s laureates, the first taking place in Paris, and the second, in one of the three NETVA cities in the United States: Boston, San Francisco, and Washington DC.

The fifteen laureates for 2014 of the program are very promising French startups in a variety of high technology sectors.

For more information: www.netvafrance.com

NETVA is a program of the French Ministry of Foreign Affairs and International Development. This initiative is supported by the RETIS network, Microsoft BizSpark, Marie Landel & Associates, Edenred USA and Morgan, Lewis & Bockius.
3.5.3  Doctoral Education and the Knowledge Economy: European and U.S. Policy Debates

How has doctoral education been changing in Europe and the U.S? Why, and what are the implications for researchers, institutions and wider society? Two experts opened this debate at the start of a project to train early stage researchers Universities in the Knowledge Economy (UNIKE). Prof. Pavel Zgaga from the Centre for Education Policy Studies, University of Ljubljana, Slovenia, and Prof. Maresi Nerad, from University of Washington, Seattle, The United States (US) gave comprehensive accounts of how doctoral education had developed in the last decades in the EU and the US respectively. This offered the possibility to compare and contrast the current flagship models used in these two geo-political regions and consider possible challenges for the future.

Source: European Research Area – Collaborative Research Network

3.5.4  "Life Sciences: inventing – creating – having fun" 2014 Laureates

The grant "Life Sciences: inventing – creating – having fun" has been offered by the Office for Science and Technology of the Consulate general of France in Los Angeles since 2012 to French teams who participate in American competitions in life sciences. Following the call for projects launched in January 2014, 6 teams were selected to receive a grant.

These 6 teams will all participate in the iGEM (international Genetically Engineered Machine) competition started in 2004 at MIT in Boston. Around 250 student teams from around the world registered for this synthetic biology competition which celebrates its 10th anniversary this year. Teams have around six months to modify bacteria, or any other type of cell, by inserting DNA fragments in order to give rise to new functionalities that might lead to major advances to respond to the environmental, medical and societal challenges of tomorrow.

In 2013, 4 French teams received a Life Sciences grant. The Paris Bettencourt team, pioneer of the iGEM movement in France, was awarded Grand Prize Winner by the jury for the "Overgraduate" category (see article).

Source: Office for Science & Technology at the Embassy of France in the United States
4 Grants & Fellowships

4.1 Europe

4.1.1 Marie Skłodowska-Curie research fellowships

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<tr>
<td>Individual Fellowships (IF)</td>
<td>2014-03-12</td>
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</table>

The **Individual Fellowships** support the international mobility of researchers within and beyond Europe.

These fellowships are open to researchers of all nationalities and in all areas of research, who, at the time of the relevant deadline for submission of proposals, are in possession of a doctoral degree or have at least four years of full-time equivalent research experience.

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 Proof of Concept](#) | ERC-2014-PoC

**Deadline Date:** 1 October 2014
Forthcoming call:

- ERC Advanced Grant | ERC-2014-AdG

**Deadline Date: 21 October 2014**

**4.1.5 Jean Monnet Postdoctoral Fellowships**

The Robert Schuman Centre for Advanced Studies (RSCAS) offers one or two-year fellowships to post-docs 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.

**Deadline Date: 31 October 2014**

[More information](#)

**4.1.6 EMBO: Fellowships**

Young scientists actively seek EMBO Long-Term Fellowships for postdoctoral research to fund and support their internationally mobile careers. 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.

[Short-Term Fellowships](#) – applications accepted throughout the year

**4.1.7 European Respiratory Society/EU RESPIRE2 post-doctoral Marie Curie Fellowship**

ERS/EU RESPIRE2 post-doctoral 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.

**2nd round: 31 October 2014** (call to be launched during summer 2014)

[More information](#)

**4.1.8 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: 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

4.2.2 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. Deadlines March 15 and September 15.

* IST FELLOW is partially funded by the European Union

More information

4.2.3 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

4.2.4 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 candidates in all research fields enrolled at an Austrian university. It funds specific longer term research stay abroad and experience in an international research environment with monthly grants of 1200 Euros. The next closing date for application is 1st of September 2014.

Further details available here.
4.2.5 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

4.2.6 Belgium: Postdoc fellowships to non-EU researchers

The stimulation of international mobility and the attraction of researchers from abroad is one of the priorities of the European Research Area.

In this context and intending to stimulate the S&T cooperation, the Federal Science Policy Office (BELSPO) implements a fellowship scheme for highly qualified non EU researchers (i.e. postdoctoral level or equivalent experience), granting them an opportunity to work during 6 to 18 months in a Belgian research team.

More information

4.2.7 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. activities 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 the process to develop international collaborations. Requests should be received at least eight weeks in advance of the proposed visit.

More information

4.2.8 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

4.2.9 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 master’s degree and doctoral degree, but some bachelor degree scholarships are also possible.

More information
4.2.10 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 post-doctoral 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

4.2.11 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 post-doctoral 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

4.2.12 France: Overview of research exchange programs

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.

More information

4.2.13 France: Roux, Howard, Cantarini Post-doctoral Fellowships

These contracts are for up to two years and intended to fund a first or a second post-doctoral internship for scientists wishing to extend their training and contribute their expertise to research at Institut Pasteur (Paris). Candidates must have defended their PhD thesis less than 4 years before they take up their fellowship. These contracts can not fund the first post-doctoral internship of a former Institut Pasteur PhD student.
Deadline: **19 September 2014.** More information: [Pasteur Institute](#)

4.2.14 France: National Institute of Agricultural Research (INRA) incoming opportunities

INRA frequently publishes open positions in fields relevant to agricultural research. There are currently 4 post-doctoral fellowships in plant biology and ecology.

Deadline: **1 September 2014**

4.2.15 MIT-France Seed Fund 2014-2015 Call for Applications

The **MIT-France Seed Fund**, a $2 million endowment funded equally by the French Ministry of Foreign Affairs and MIT, supports budding research collaborations between faculty and research scientists at MIT and their counterparts in France.

Through an annual call for proposals, the fund primarily supports travel costs for exchange between a team at MIT and colleagues in universities and public research in France. The French colleague(s) must be identified in the proposal. The maximum award is $30,000.

Priority will be given to projects that:

- propose a balanced exchange between the MIT and French participants
- demonstrate complementarity between the MIT and French teams

The deadline for the 2014-2015 grant cycle is **September 22, 2014**.

For more details and instructions on how to apply, please visit the call’s website.

4.2.16 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 they have chosen themselves 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 September 2014**

More information

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) 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](http://www.daad.de) on the homepages of the DAAD and the DLR. There are currently open positions in Aeronautics; Space; Transportation; Energy. **The application deadline depends on the offer.**

[More information](http://www.daad.de)

### 4.2.18 Ireland: Science Foundation Ireland (SFI) Industry Fellowship Programme 2014

Science Foundation Ireland (SFI) launched the Industry Fellowship Programme 2014 to develop and support academic partnerships with industry.

The purpose of the Industry Fellowship Programme is to **facilitate exchanges between academia and industry** 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 €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](http://www.sfi.ie) available on the SFI website.

### 4.2.19 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](http://www.mave.lt)
4.2.20 Luxembourg: National Research Fund (FNR):
AFR PhD Grants

Applicants must be holders of a University degree allowing them to enter into doctoral training.

The AFR programme has no thematic limitations and is open to all researchers, regardless of their nationality, desirous to engage into research training in Luxembourg or abroad. In the selection process, the interest of the project in the context of Luxembourg R&D will nevertheless be evaluated.

Next deadline: 23 September 2014

More information

4.2.21 Luxembourg: National Research Fund (FNR):
AFR Postdoc Grants

The FNR's AFR Postdoc Grant Scheme (Aides à la Formation-Recherche) provides funding for postdoctoral research training projects in Luxembourg and abroad for up to 2 years.

The AFR programme has no thematic limitations and is open to all researchers, regardless of their nationality, desirous to engage into research training in Luxembourg or abroad. In the selection process, the interest of the project in the context of Luxembourg R&D will nevertheless be evaluated.

Next deadline: 9 September 2014

More information

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

The ATTRACT programme by the National Research Fund (FNR) aims to support the 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

4.2.23 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.
4.2.24 Netherlands: The Royal Netherlands Academy of Arts and Sciences (KNAW): Visiting Professors Program (VPP)

The Visiting Professors Programme enables outstanding foreign researchers to spend time working in the Netherlands. The programme acts as an incentive for Dutch science and scholarship.

Next deadline: 1 November 2014

4.2.25 Netherlands: Netherlands Organisation for Scientific Research (NWO)

Innovational Research Incentive Schemes – Vidi (ALW)

Vidi is targeted at the excellent researcher who following his/her PhD has carried out several years of research and in doing this has demonstrated the ability to generate and effect innovative ideas independently. Researchers who have obtained their PhD within the last 8 years can apply for a Vidi grant.

Next deadline: 2 October 2014

7 calls for proposals available in different research fields: Earth and Life Sciences, Physical Sciences, Chemical Sciences, Humanities, Social Sciences and Physics.

4.2.26 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.

4.2.27 Norway: The American Scandinavian Foundation: Fellowship/Grants to study in Scandinavia

The American-Scandinavian Foundation (ASF) offers fellowships (up to $23,000) and grants (up to $5,000) to individuals to pursue research, study or creative arts projects in one or more Scandinavian country for up to one year. The number of awards varies each year according to total funds available. Awards are made in all fields.

Next deadline: 1 November 2014

4.2.28 Poland: Foundation for Polish Science: Alexander von Humboldt Polish Honorary Research Scholarship

Scholarships are awarded to outstanding German scholars with the highest qualifications and a significant contribution to global research, as recognition for
their previous research achievements and in order to permit them to conduct scientific research at a selected institution in Poland.

Deadline: **30 September 2014**

More information

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

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

Applications accepted on a rolling basis.

More information

4.2.30 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 they are highly independent as researchers and warrants they will conduct world-class quality research.

Applications accepted on a rolling basis.

More information

4.2.31 Portugal: Science and Technology Foundation (FCT): 2014 Call for PhD Studentships, PhD Studentships in Industry and Post-Doctoral Fellowships

With this call, FCT aims to support the best graduate researchers who wish to pursue research leading to a PhD degree, in any scientific domain, and the most creative post-doctoral researchers in pursuing cutting-edge projects, in Portuguese or foreign research centres.

Next deadline: **30 September 2014**

More information

4.2.32 Slovakia: Ministry of Education, Science, Research and Sport of the Slovak Republic: National scholarship program of the Slovak Republic – Study/Research Stay for PhD Students (1-12 months)

Next deadline: **31 October 2014**

More information
4.2.33 Slovakia: Ministry of Education, Science, Research and Sport of the Slovak Republic: National scholarship program of the Slovak Republic – Teaching/Research/Artistic Stay for University Teachers, Researchers and Artists (1-12 months)

Next deadline: 31 October 2014

More information

4.2.34 Spain: IKERBASQUE (Basque Foundation for Science)

Ikerbasque launched a new international call to reinforce research and scientific career in the Basque country.

They offer 15 positions for senior researchers: Ikerbasque Research Professors

-Researchers with a solid research track and leadership capabilities
- The applicants must have their PhD completed before January 2006
- Permanent contract positions within any of the Basque Research Institutions

Next deadline: 10 September 2014

More information

4.2.35 Spain: Madrid Institute for Advanced Studies: The AMAROUT Fellowships

Both "experienced" and "very experienced" researchers from any country (worldwide) can apply for AMAROUT-II fellowships at any of the seven IMDEA Institutes participating in the program (Energy, Food, Materials, Nanoscience, Networks, Software, and Water).

Next deadline: a permanent call for applications is open until 30 September 2015

More information

4.2.36 Sweden: VINNOVA: VINNMER Marie Curie Incoming

The purpose of this call is to support experienced researcher careers through mobility and international collaborations. Experienced researchers of all nationalities can apply for international mobility to Sweden with project times of 1-3 years.

Next deadline: 16 September 2014

More information
4.2.37 Turkey: TÜBİTAK: Research Fellowship Program for International Researchers

The Scientific and Technological Research Council of Turkey (TÜBİTAK) grants fellowships for international highly qualified PhD students and young post-doctoral researchers to pursue their research in Turkey in the fields of Natural Sciences, Engineering and Technological Sciences, Medical Sciences, Agricultural Sciences, Social Sciences and Humanities. The program aims to promote Turkey’s scientific and technological collaboration with countries of the prospective researchers. Preference will be given to candidates who demonstrate the potential to contribute significantly to Turkey’s goal of international cooperation in scientific and technological development.

Next deadline: 31 October 2014

More information

4.2.38 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 Industry in TURKEY, the 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

4.2.39 United Kingdom: The Royal Society: International Exchanges Scheme

This scheme is for scientists in the UK who want to stimulate new collaborations with leading scientists overseas through either a one-off visit or bilateral travel. This scheme is not intended to support continued research between a UK applicant and co-applicant who was a former colleague or PhD student or to support other existing or recent collaborations between the applicant and co-applicant. Rather, the scheme is intended to stimulate new collaborations between scientists in the UK and overseas.

Next deadline: 21 October 2014

More information

4.2.40 United Kingdom: MRC: Career Development Award (CDA)

The CDA supports outstanding post-doctoral researchers who are not clinically active to consolidate their research skills and make the transition from post-doctoral researcher to independent investigator.

Next deadline: 24 September 2014

More information
4.2.41 United Kingdom: BBSRC: David Phillips Fellowships

Awards are for 5 years, up to 5 are available, and include personal salary and a significant research support grant. Applications are welcome from candidates seeking flexible working arrangements (e.g. part-time).

Next deadline: 5 November 2014

More information

4.3 United States of America

4.3.1 NSF: Partnerships for International Research and Education (PIRE)

The Partnerships for International Research and Education (PIRE) program seeks to catalyze a higher level of international engagement in the U.S. science and engineering community by supporting innovative, international research and education collaborations.

Deadline: The call for proposal usually opens in mid-June and preproposals are usually due by the end of August.

More information

4.3.2 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 under-resourced.

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.

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
EURAXESS LINKS NORTH AMERICA

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 link below:

http://www.wennergren.org/programs/international-collaborative-research-grants

4.3.3 Marion Milligan Mason Award for Women in the Chemical Sciences

The goal of the Marion Milligan Mason Award for Women in the Chemical Sciences is to kick-start the research career of promising future senior investigators in the chemical sciences. The Marion Milligan Mason Fund will provide three grants of $50,000 every other year to women researchers engaged in basic research in the chemical sciences. Awards are for women who are starting their academic research careers. In addition to research funding, the program will provide leadership development and mentoring opportunities. Proposals are due on or before September 15, 2014.

More information

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 English language offers an overview of about 1200 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 that build understanding among 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

4.4.6 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 guide 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 funding agencies.
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 € 1,700 / month (1300 € net).

More information

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 post-doctoral 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 UK: EURAXESS Jobs portal: Individual Fellowship Opportunities

More information

EURAXESS National Fellowships&Grants

4.4.14 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, post docs, and junior faculty across borders.
More information

See the list of the International Funding Opportunities at NSF:

http://www.nsf.gov/od/iiadise/index.jsp

5 Jobs

5.1 EURAXESS Portal

There are currently about 8,700 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 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
## 6 Events

### 6.1 Europe: Forthcoming events

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<td>FEBS EMBO 2014 Conference</td>
<td>30 August – 4 September 2014</td>
<td>Paris, France</td>
<td>The Federation of European Biochemical Societies</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>EU-Russia Researchers’ Mobility Forum</td>
<td>25 September 2014</td>
<td>Brussels, Belgium</td>
<td>European Commission</td>
<td><a href="#">Link</a></td>
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<tr>
<td>LET’s (Leading Enabling Technologies for Societal Challenges)</td>
<td>29 September – 1 October 2014</td>
<td>Bologna, Italy</td>
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<td>3rd GRF One Health Summit 2014</td>
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<tr>
<td>6th European Innovation Summit</td>
<td>17-20 November 2014</td>
<td>Brussels, Belgium</td>
<td>Knowledge4innovation</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>FTA Conference (Future oriented-technology analysis)</td>
<td>27-28 November 2014</td>
<td>Brussels, Belgium</td>
<td>JRC</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Global Soil Biodiversity Conference</td>
<td>2-5 December 2014</td>
<td>Dijon, France</td>
<td>Global Soil Biodiversity Initiative &amp; EcoFINDERS</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</th>
</tr>
</thead>
<tbody>
<tr>
<td>14th Annual GAIN Conference</td>
<td>5-7 September 2014</td>
<td>Boston, MA, USA</td>
<td>GAIN – German Academic International Network</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Mini - Destination Europe events</td>
<td>8-10 September 2014</td>
<td>Montreal, Kingston, Quebec City, Canada</td>
<td>EURAXESS, ERA-Can+, MSCA, ERC, EC</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>NIH International Opportunities Expo</td>
<td>9 September 2014</td>
<td>Bethesda, MD, USA</td>
<td>Office of Intramural Training &amp; Education</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Austrian Research and Innovation Talk 2014</td>
<td>10-11 October 2014</td>
<td>Boston, MA, USA</td>
<td>OSTA - Office of Science and Technology, Austria</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Destination Europe</td>
<td>17 October</td>
<td>GeorgiaTech,</td>
<td>European Commission,</td>
<td><a href="#">Link</a></td>
</tr>
<tr>
<td>Conference</td>
<td>Date</td>
<td>Location</td>
<td>Organization</td>
<td>Link</td>
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<tr>
<td>16th Annual NIH SBIR/STTR Conference</td>
<td>21-23 October 2014</td>
<td>Albuquerque, NM, USA</td>
<td>NIH</td>
<td>Link</td>
</tr>
<tr>
<td>EURAXESS Science Slam 2014</td>
<td>22 October 2014</td>
<td>MaRS, Toronto, ON, Canada</td>
<td>EURAXESS Links North America and MaRS Discovery District</td>
<td>Link</td>
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</tbody>
</table>

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

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