EURAXESS NORTH AMERICA: FACILITATING RESEARCHER MOBILITY

Viktoria BODNAROVA
REGIONAL REPRESENTATIVE
EURAXESS NORTH AMERICA
Content

1. Introduction to Horizon 2020
2. EURAXESS – Researchers in Motion
3. Marie Sklodowska-Curie Actions (MSCA)
4. European Research Council Grants (ERC)
What is Horizon 2020?

The EU’s programme for research & innovation 2014-20

€77 billion over 7 years

- Investing in future jobs and growth
- Addressing people’s concerns about their livelihoods, safety and environment
- Strengthening the EU’s global position in research, innovation and technology

http://ec.europa.eu/research/horizon2020
Three Priorities

- Excellent science € 24 billion
- Industrial leadership € 17 billion
- Societal challenges € 30 billion
## Priority 1. Excellent Science

€24 billion, 2014-2020

<table>
<thead>
<tr>
<th>Program</th>
<th>Allocation</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>European Research Council (ERC)</strong></td>
<td>13.10</td>
</tr>
<tr>
<td><strong>Future and Emerging Technologies</strong></td>
<td>2.59</td>
</tr>
<tr>
<td><strong>Marie Sklodowska-Curie actions (MSCA)</strong></td>
<td>6.16</td>
</tr>
<tr>
<td><strong>Research Infrastructures</strong> including e-infrastructures</td>
<td>2.39</td>
</tr>
</tbody>
</table>
EURAXESS – Researchers in Motion

https://euraxess.ec.europa.eu/
- Unique **pan-European initiative** providing access to a complete range of **information and support services to researchers** wishing to pursue their research careers in Europe or with European partners.
- **ERA (European Research Area)** key initiative to promote research careers and to facilitate the mobility of researchers.
- The **European Union & 40 countries in Europe** are working together to assist researchers and research organisations.
- **6 global hubs** connecting Europe with the world.
HOW?

**INFORMATION & ASSISTANCE**
- Relocation assistance in 40 European countries
- Hands on support for mobile researchers (visa, accommodation)

**JOBS & FUNDING**
- Job portal & funding database with thousands of offers daily

**RIGHTS**
- Initiatives for researchers’ rights and regulations in Europe

**WORLDWIDE**
- Linking Europe to the world
  - ASEAN, Japan, China, India, Brazil ... and North America
Job offers in academia & industry

- Social Sciences
- Arts & Humanities
- Physical Sciences & Engineering
- Life Sciences

Search for jobs and post your offer!

Take advantage of EURAXESS and find your job in research. EURAXESS lists thousands of vacancies and fellowships from more than 40 European countries and other regions in the world.

Find talented and experienced staff at the click of a button. EURAXESS lists thousands of European and global vacancies and fellowships.

- Upload your CV
- Get notifications
- Search for partners & hosts
EURAXESS WORLDWIDE

In an increasingly interconnected world, EURAXESS Worldwide offers you the chance to interact on a global scale. It is a networking tool supporting researchers working outside of Europe who wish to connect or stay connected with Europe. Through networking, researchers can strengthen European research and scientific cooperation with the world.

Whether you want to know more about European research policy, funding or further collaboration opportunities, EURAXESS Worldwide has dedicated teams in ASEAN (Indonesia, Malaysia, Philippines, Singapore, Thailand, Brunei Darussalam, Cambodia, Lao PDR, Myanmar, and Vietnam), Brazil, China, India, Japan and North America (US and Canada) ready to assist you.
Our news & events

21/02/2017 - 21/02/2017
United States, Washington, DC
**ERC 10TH ANNIVERSARY EVENT: EUROPEAN FUNDING OPPORTUNITIES FOR TOP SCIENTISTS**
For upcoming ERC 10th Anniversary events in the USA click [HERE](http://bit.ly/ERC21FebRSVP)
Programme 4:30 - 5:00pm –

05/12/2016 - 06/12/2016
United States, Washington, DC
**2ND ANNUAL MEETING OF EUROPEAN SCIENTIFIC DIASPORAS IN NORTH AMERICA**
Focus & Topic: Joint Mentorship Initiative for European Researchers
DRAFT PROGRAM (Last update: 22 November 2016)
Networking Reception & Euraxess...

01/11/2016 - 01/11/2016
United States, Atlanta, GA
**EUROPEAN RESEARCH DAY 2016**
The program and presentations of the speakers can be found in the attachment. Pictures taken during the event are available...

19/10/2015 - 19/10/2015
United States, Chicago
**EURAXESS SCIENCE SLAM 2015: MEET THE 5 FINALISTS AND JOIN US FOR AN EVENING OF SCIENCE & FUN !**
We have closed the video submission for the Science Slam finals. From many videos received, our committee chose 5 candidates...
EURAXESS North America

WE WORK WITH: all researchers, European Scientific Diasporas, research administrators, EU Delegations, European embassies, European Commission, MSCA, ERC and bilateral projects

WE OFFER: quarterly newsletters, flashnotes, networking platforms, up-to-date information on European fellowships and grants, events

YOU CAN JOIN: sign-up to our community online and follow us on social media

ALL SERVICES ARE FREE
Marie Sklodowska-Curie Actions

http://ec.europa.eu/msca
Ensure the optimum development and dynamic use of Europe’s intellectual capital in order to generate new skills, knowledge and innovation

**Budget 2014-2020:** €6 162 million

€839 million in 2017
Marie Skłodowska-Curie Actions (MSCA):

Mobility to or from Europe

28 EU Member States (MS)
Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Germany, Greece, Finland, France, Hungary, Ireland, Italy, Latvia, Lithuania, Luxemburg, Malta, Netherlands, Poland, Portugal, Romania, Slovak, Slovenia, Spain, Sweden, United Kingdom

16 Associated Countries (AC) to MSCA*
Albania, Armenia, Bosnia & Herzegovina, Faroe Islands, FYROM, Georgia, Iceland, Israel, Moldova, Montenegro, Norway, Serbia, Switzerland, Tunisia, Turkey, Ukraine

* on 8.11.2016
MSCA performance of 'industrialised countries' outside Europe

<table>
<thead>
<tr>
<th>Country</th>
<th>MSCA-RISE</th>
<th>MSCA-ITN</th>
<th>MSCA-IF</th>
<th>MSCA-COFUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States</td>
<td>133</td>
<td>89</td>
<td>197</td>
<td>16</td>
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<tr>
<td>Australia</td>
<td>34</td>
<td>16</td>
<td>15</td>
<td>8</td>
</tr>
<tr>
<td>Canada (People's Republic of)</td>
<td>22</td>
<td>17</td>
<td>24</td>
<td>5</td>
</tr>
<tr>
<td>China (People's Republic of)</td>
<td>38</td>
<td>14</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Japan</td>
<td>20</td>
<td>3</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Brazil</td>
<td>28</td>
<td>10</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Russian Federation</td>
<td>6</td>
<td>10</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>New Zealand</td>
<td>8</td>
<td>4</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>India</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>Mexico</td>
<td>6</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Singapore</td>
<td>6</td>
<td>5</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Korea (Republic of)</td>
<td>3</td>
<td>2</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>United States Minor outlying islands</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>2</td>
<td>5</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Taiwan</td>
<td>2</td>
<td>5</td>
<td>8</td>
<td>3</td>
</tr>
<tr>
<td>Liechtenstein</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Saudi Arabia</td>
<td>1</td>
<td>1</td>
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</tr>
</tbody>
</table>
MSCA fellows with nationality of 'industrialised countries' outside Europe

<table>
<thead>
<tr>
<th>Nationality</th>
<th>MSCA-RISE</th>
<th>MSCA-ITN</th>
<th>MSCA-IF</th>
<th>MSCA-COFUND</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indians</td>
<td>9</td>
<td>70</td>
<td>91</td>
<td>12</td>
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<tr>
<td>Chinese</td>
<td></td>
<td>11</td>
<td>97</td>
<td>12</td>
</tr>
<tr>
<td>Americans</td>
<td>25</td>
<td>28</td>
<td>40</td>
<td>10</td>
</tr>
<tr>
<td>Russians</td>
<td>5</td>
<td>8</td>
<td>15</td>
<td>5</td>
</tr>
<tr>
<td>Canadians</td>
<td>8</td>
<td>8</td>
<td>45</td>
<td>2</td>
</tr>
<tr>
<td>Australians</td>
<td>8</td>
<td>22</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Mexicans</td>
<td>14</td>
<td>22</td>
<td>18</td>
<td>3</td>
</tr>
<tr>
<td>Brazilians</td>
<td>11</td>
<td>4</td>
<td>18</td>
<td>1</td>
</tr>
<tr>
<td>Japanese</td>
<td>8</td>
<td>5</td>
<td>6</td>
<td>1</td>
</tr>
<tr>
<td>South Koreans</td>
<td>4</td>
<td>12</td>
<td>11</td>
<td>3</td>
</tr>
<tr>
<td>New Zealanders</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Taiwanese</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Hong Kongese</td>
<td></td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Singaporeans</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Saudis</td>
<td></td>
<td></td>
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<tr>
<td>Liechtensteiners</td>
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<td></td>
</tr>
<tr>
<td>Omanis</td>
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<tr>
<td>Puerto Ricans</td>
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</tbody>
</table>
Success rates of 'industrialised countries' with > 5 grants

Innovative Training Networks (ITN)

Research & Innovation Staff Exchanges (RISE)
Key Advantages

**Bottom-up approach**
Includes all domains of research and innovation

**Global**
Open to any nationality, 15,000 non-Europeans expected to be funded by 2020

**Mobility**
Mobility between countries is required (or has happened recently), and mobility to/from academia is often a key component

**Innovation**
Strong accent on participation of non-academic organisations: business (including SMEs), government, hospitals, non-profit or charitable organisations (NGOs, trusts, foundations), cultural institutions, international organisations (like UN or WHO), etc.
Financing principles

- Based on person-months
- Also funding for the host organisations' costs
- Funding can be transferred to non-European partners

Grant has portions for individual and for host

(Partial) transfer outside Europe of institutions' portion is possible

Pays portion to individual

Organisation outside Europe

European Commission

Organisation in Europe

Mobility
Who do you want to host/recruit?

**Early-stage Researchers (ESR)**
Less than four years of research experience and **No doctoral degree**

- ITN
- RISE
- COFUND

**Experienced Researchers (ER)**
At least four years of research experience and / or **A doctoral degree**

- IF
- RISE
- COFUND
MSCA mobility to or from Europe

For existing staff
Research & Innovation Staff Exchange (RISE)

- Pre- or post-PhD
- Can include up to 1 year outside Europe

For new recruits, employed in Europe
Innovative Training Networks (ITN)

- Pre-PhD only
- All positions advertised on EURAXESS portal
  [http://ec.europa.eu/euraxess/jobs](http://ec.europa.eu/euraxess/jobs)
- Can include up to 1 year outside Europe

Individual Fellowships (IF)

- Post-PhD only
- Can include up to 2 years outside Europe
RISE

✓ Strengthens the interaction between Europe and Third Countries, through research and innovation staff exchanges

✓ Staff move to implement common research and innovation project – to advance knowledge

✓ Projects up to a maximum of 4 years

✓ Research and innovation staff move for 1-12 months
  ✓ Researchers
  ✓ Administrative, managerial and technical staff directly involved in the research and innovation activities of the proposal
  ✓ Staff not named in the proposal

✓ Budget: € 80 million in 2017
RISE – Eligibility Conditions

Organizations
✓ At least 3 independent participants in 3 different countries
✓ At least 2 participants from 2 different European MS/AC:

- European MS/AC 1
- European MS/AC 2
- Other country

Staff funded by the EU grant
✓ At least six months linked to the sending institution, before the first period of secondment
✓ After secondment, must be guaranteed reintegration into the sending institution
Innovative Training Networks (ITN)

- Train a new generation of **creative, entrepreneurial and innovative early-stage researchers**
- Raise excellence and structure research and doctoral training
- Triple 'i' dimension of mobility and particular **focus on innovation skills**
- Enhance researchers' **employability** and provide them with new career perspectives
- **Budget: € 430 million** in 2017
Individual Fellowships (IF)

- Enhance the creative and innovative potential of **experienced researchers**
- Provide opportunities to **acquire new knowledge, work on research projects in a European context or outside Europe**
- Catalyse significant **development in their careers** in both sectors
- **Optional 3-6 month secondments** anywhere in Europe to increase fellowship impact, especially on non-academic sector
- **Budget: €248.7 million** in 2017 (Global Fellowships: €33.7 million)
Cofunding of doctoral/fellowship programmes in Europe (COFUND)

Organisations in 'industrialised countries' outside Europe can host/train researchers on secondment from a COFUND programme in Europe.

COFUND programmes provide either doctoral or post-doctoral training. The approach is similar to the ITN or IF actions.

COFUND programmes are managed by a single organisation in Europe. Only this organisation can apply for MSCA cofunding.

If the secondment outside Europe constitutes the main part of the research training, researchers must be nationals or long-term residents of the EU Member States or Horizon 2020 Associated Countries.

Budget: € 80 million in 2017
## MSCA Calls 2016-2017

<table>
<thead>
<tr>
<th>Program</th>
<th>Dates</th>
<th>Budget</th>
</tr>
</thead>
</table>
| **ITN**   | 14/10/2015 – 12/01/2016  
15/09/2016 – 10/01/2017 | EUR 375 million  
EUR 430 million |
| **IF**    | 12/04/2016 – 14/09/2016  
11/04/2017 – 14/09/2017 | EUR 218.71 million  
EUR 248.70 million |
| **RISE**  | 08/12/2015 – 28/04/2016  
01/12/2016 – 05/04/2017 | EUR 80 million  
EUR 80 million |
| **COFUND**| 14/04/2016 – 29/09/2016  
05/04/2017 – 28/09/2017 | EUR 80 million  
EUR 80 million |
European Research Council Grants

http://erc.europa.eu/
The ERC supports excellence in frontier research through a bottom-up, individual-based, pan-European competition.

**Budget:** € 13.09 billion (2014-2020) - 1.87 billion €/year
ERC calls are open to researchers of any nationality, age or current place of work in the world (with at least 50% of work time in Europe)

ERC offers independence, recognition & visibility

- to work on a research topic of own choice, with a team of own choice
- to gain true financial autonomy for 5 years
- to negotiate with the host institution the best conditions of work
- to attract top team members (EU and non-EU) and collaborators
- to move with the grant to any place in Europe if necessary (portability of grants)
- to attract additional funding and gain recognition; ERC is a quality label
European Research Council

Starting Grants
starters (2-7 years after PhD)
up to € 1.5 Mio for 5 years

Consolidator Grants
consolidators (7-12 years after PhD) up to € 2 Mio for 5 years

Advanced Grants
track-record of significant research achievements in the last 10 years up to € 2.5 Mio for 5 years

Proof-of-Concept
bridging gap between research - earliest stage of marketable innovation up to €150,000 for ERC grant holders for 18 months
Attracting researchers to Europe

Flexibility

• Additional ‘start-up’ funding for scientists moving to Europe (€500 000 for Starting, €750 000 for Consolidator and €1 Mio for Advanced grantees)

• Grantee can keep affiliation with home institute outside Europe (‘significant part’ of work time in Europe, at least 50%)

• Team members can be based outside Europe

• Grantee can move within Europe with the grant
ERC 2014-15 Calls Proposals non-ERA nationals

![Bar chart showing the number of evaluated non-ERA applicants from different nationalities for StG2014-2015, CoG2014-2015, and AdG2014-2015. The chart highlights the US as having the highest number of evaluated applicants among the listed countries.](chart.png)
## ERC open and upcoming calls

<table>
<thead>
<tr>
<th>ERC calls</th>
<th>Budget</th>
<th>Call Opening</th>
<th>Submission Deadline(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Starting Grants</strong></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>ERC-2017-StG</td>
<td>605 M€</td>
<td>26 July 2016</td>
<td>18 October 2016</td>
</tr>
<tr>
<td><strong>Consolidator Grants</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERC-2017-CoG</td>
<td>575 M€</td>
<td>20 October 2016</td>
<td>9 February 2017</td>
</tr>
<tr>
<td><strong>Advanced Grants</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ERC-2017-AdG</td>
<td>567 M€</td>
<td>16 May 2017</td>
<td>31 August 2017</td>
</tr>
<tr>
<td><strong>Proof of Concept</strong></td>
<td></td>
<td></td>
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<tr>
<td>ERC-2017-PoC</td>
<td>20 M€</td>
<td>22 October 2015</td>
<td>25 April 2017</td>
</tr>
</tbody>
</table>
Useful links

- **EURAXESS**: [www.euraxess.org](http://www.euraxess.org)

- **Marie Skłodowska-Curie Actions**: [http://ec.europa.eu/research/mariecurieactions/](http://ec.europa.eu/research/mariecurieactions/)


- **Horizon 2020**: [http://ec.europa.eu/programme](http://ec.europa.eu/programme)

- **Projects Bilateral Transatlantic Cooperation with the EU**
  - BILAT USA 4.0: [http://www.euusscienceandtechnology.eu/](http://www.euusscienceandtechnology.eu/)

- **Bridge between researchers and policy-makers in Europe**
Viktoria.bodnarova@euraxess.net

Thank you