

The European Research Council



European Research Council
Established by the European Commission



Promoting blue skies research



Horizon 2020
European Union funding
for Research & Innovation

Feb

Research opportunities in Europe



European Research Council
Established by the European Commission

- Substantial grants for individual researchers
- Open to all nationalities + all fields of science
- Only one evaluation criterion – excellence!
- Light project monitoring

Research opportunities in Europe



European Research Council
Established by the European Commission

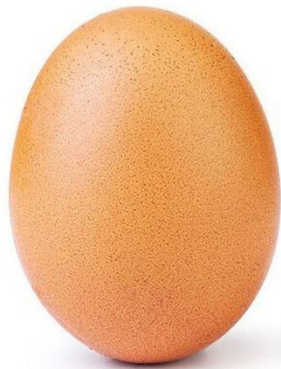
- ❑ Host Institution in EU or Associated Countries (at least 50% of time in Europe)
- ❑ Synergy Grants – one PI outside Europe
- **Additional “start-up” funding for scientists moving to Europe**



Core ERC Grants



European Research Council
Established by the European Commission



Starting Grants

(2-7 years after PhD)
up to €2.5M
for 5 years



Consolidator Grants

(7-12 years after PhD)
up to €3M
for 5 years



Advanced Grants

(significant track record in
last 10 years)
up to €3.5M
for 5 years

The Synergy Grant



Synergy Grants
2 – 4 Principal Investigators
(including 1 based outside EU/AC)
up to € 14.0 M for 6 years

The application process



European Research Council
Established by the European Commission

- Have a ground-breaking idea
- Draft a convincing proposal
- Liaise with potential partners in Europe
- Read the ERC Work Programme
- Read the Information to Applicants

Life Sciences



European Research Council
Established by the European Commission

LS1: Molecular and Structural Biology and Biochemistry		LS4: Physiology, Pathophysiology and Endocrinology		LS7: Applied Medical Technologies, Diagnostics, Therapies and Public Health	
LS2: Genetics, Genomics, Bioinformatics and Systems Biology		LS5: Neurosciences and Neural Disorders		LS8: Ecology, Evolution and Environmental Biology	
LS3: Cellular and Developmental Biology		LS6: Immunity and infection		LS9: Applied Life Sciences, Biotechnology, Molecular and Biosystems Engineering	

Physical Sciences & Engineering



European Research Council
Established by the European Commission

PE1: Mathematics		PE6: Computer Science and informatics	
PE2: Fundamental Constituents of Matter		PE7: Systems and Communication Engineering	
PE3: Condensed Matter Physics		PE8: Products and processes engineering	
PE4: Physical and Analytical Chemical sciences		PE9: Universe Science	
PE5: Synthetic chemistry and materials		PE10: Earth Systems Science	

Social Sciences & Humanities



European Research Council
Established by the European Commission

SH1: Markets, individuals,
and institutions



SH4: The Human Mind
and its complexity



SH2: Institutions, Values,
Environment and Space



SH5: Cultures and
cultural production



SH3: The Social World,
Diversity, Population



SH6: The study of the
human past



US researchers well-represented



European Research Council
Established by the European Commission

Over 8% of all ERC grants to principal investigators of non-EU/AC nationality (45 other nationalities)

Non-EU/AC Principal Investigators	Starting and Consolidator grants	Advanced grants	Total grants
USA	217	116	333
Canada	78	15	93
India	57	3	60
Russia	47	9	56
Australia	46	8	54
China	42	1	43
Japan	25	7	32
New Zealand	15	6	21
Argentina	18	1	19
Other	99	12	111
Total	644	178	822

Synergy Grants 2019: 8 PIs now based in US

Coming (back) to Europe



European Research Council

Established by the European Commission

Country of residence	International grantees	EU/AC nationals	Total
Argentina	1		1
Australia	2	7	9
Brazil	1		1
Canada	5	8	13
China		2	2
Egypt		1	1
India	1	1	2
Japan		2	2
Korea		1	1
Lebanon		1	1
Malaysia		1	1
Pakistan		1	1
Russia	3		3
Senegal		1	1
USA	59	155	214
Total	72	181	253

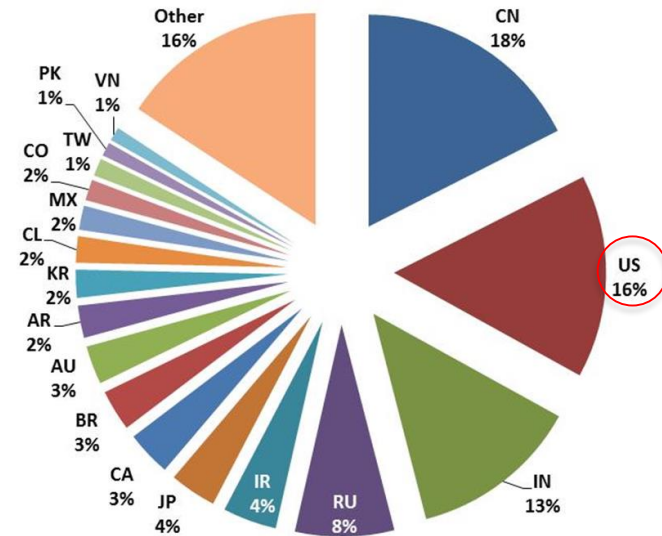
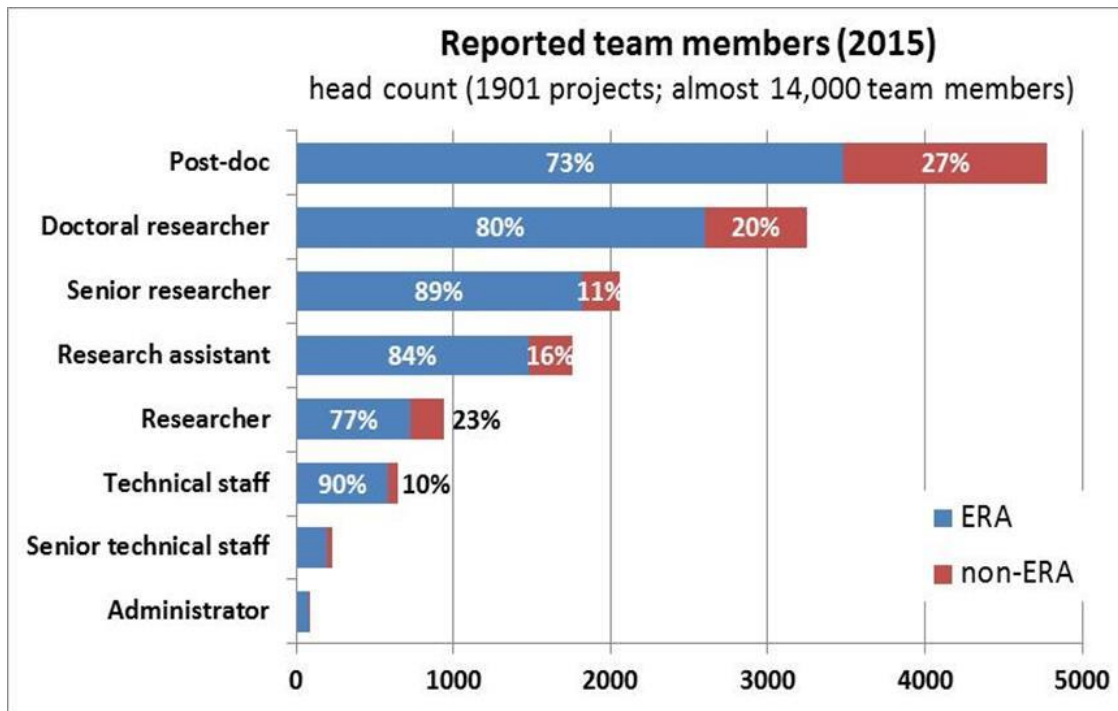
Other opportunities

Become an ERC team member



European Research Council
Established by the European Commission

5,000 ERC projects running, 40,000 team members



Other opportunities

Research visits to ERC teams



European Research Council
Established by the European Commission

EU-NSF agreement – visit an ERC-funded team in Europe



US-based researchers with active NSF award (especially early-career)

- Single and long-term visits (6-12 months)
- Multiple short-term visits: (e.g. 2 months)



ERC Principal Investigator

- Hosts US-based scientist as a member of the research team

**46 US-based researchers have visited
ERC projects**

<https://erc.europa.eu/funding/non-european-researchers>

Where can you find more info?



European Research Council
Established by the European Commission

Our website:

erc.europa.eu

➤ euraxess.ec.europa.eu/

Our social media channels:



[EuropeanResearchCouncil](https://www.facebook.com/EuropeanResearchCouncil)



[ERC_Research](https://twitter.com/ERC_Research)



[European Research Council](https://www.youtube.com/EuropeanResearchCouncil)



[European-Research-Council](https://www.linkedin.com/company/European-Research-Council)