



DFG Funding Opportunities

for PhD Students

Dr. Astrid Evers | CAU Kiel | 12.09.2018

Topics

1 | The DFG – About Us

2 | DFG Funding Opportunities

3 | Advice for PhD Students

4 | Links and Resources

The DFG – About Us

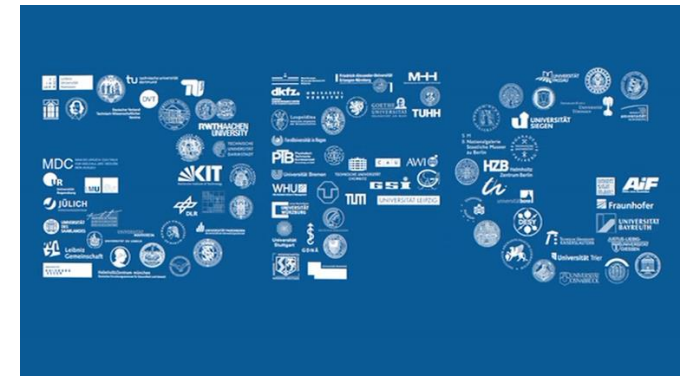
Our organisation

The DFG is the largest **independent** research funding organisation in Germany.

It is an **association** under German private law.

Its **member organisations** include German universities, non-university research institutions, academies of sciences and humanities, and scientific associations.

It serves **all branches** of science and the humanities by **funding research projects**.



The DFG – About Us

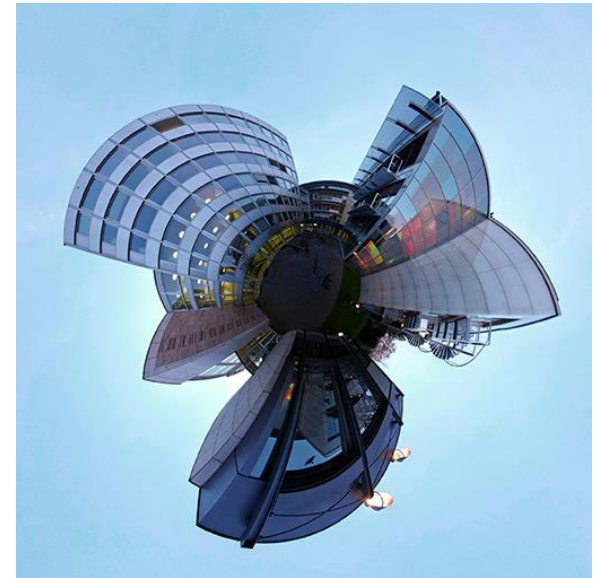
Our mandate

The DFG facilitates national and international **cooperation** among researchers.

It provides scientific **policy advice** and fosters relations with the **private sector**.

It promotes **gender equality** in the German scientific and academic communities.

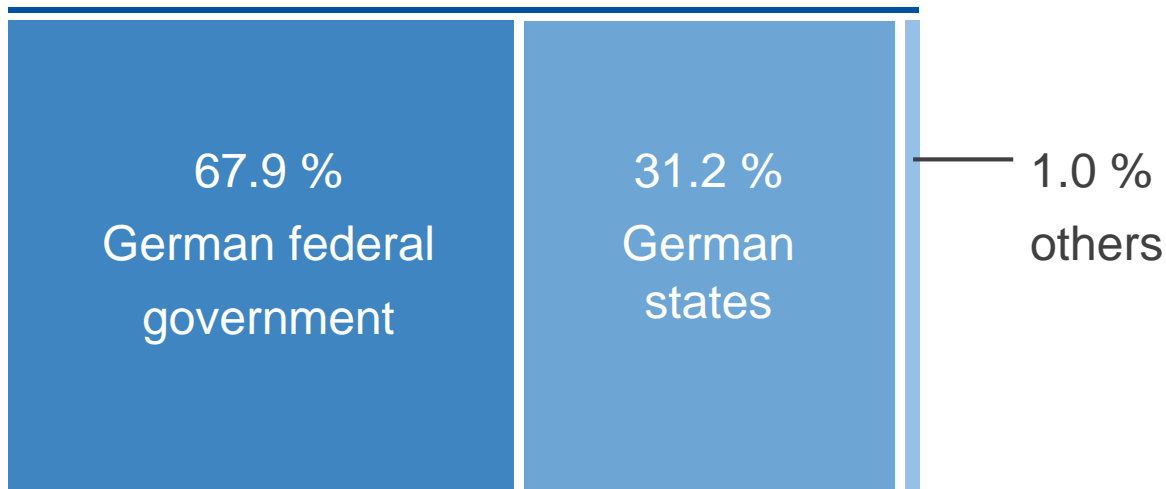
It encourages the advancement and training of **early-career researchers**.



The DFG – About Us

Our budget

Total budget approx. **€ 3.2 billion** in 2017.



The DFG – About Us

Funded projects

In **2017**, the DFG funded almost **32,500** projects

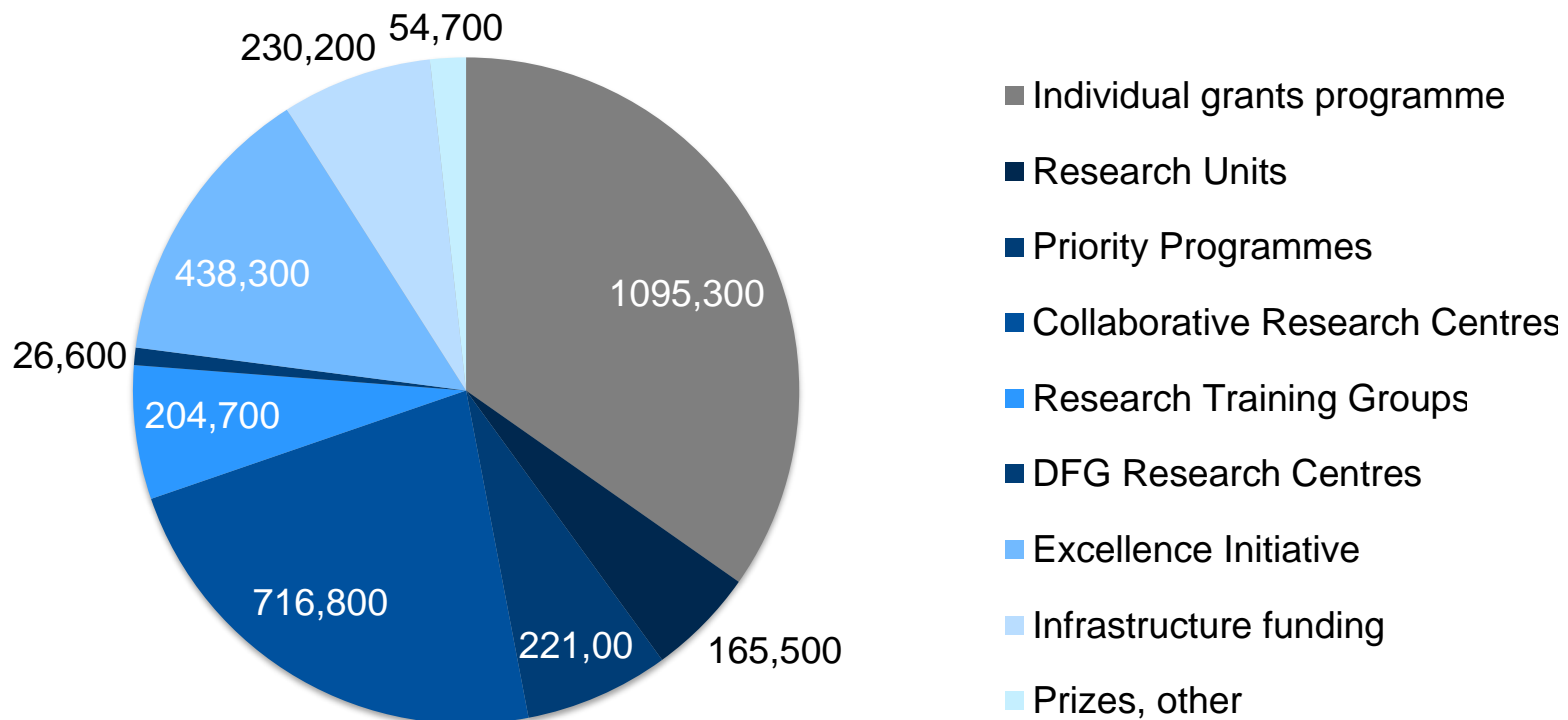
- ▶ Individual research projects
- ▶ Research collaborations
- ▶ Research infrastructure
- ▶ Coordinated programmes



The DFG – About Us

Programmes funded in 2017

Research funding for new and ongoing projects by programme for calendar year 2017
(in €m and %)

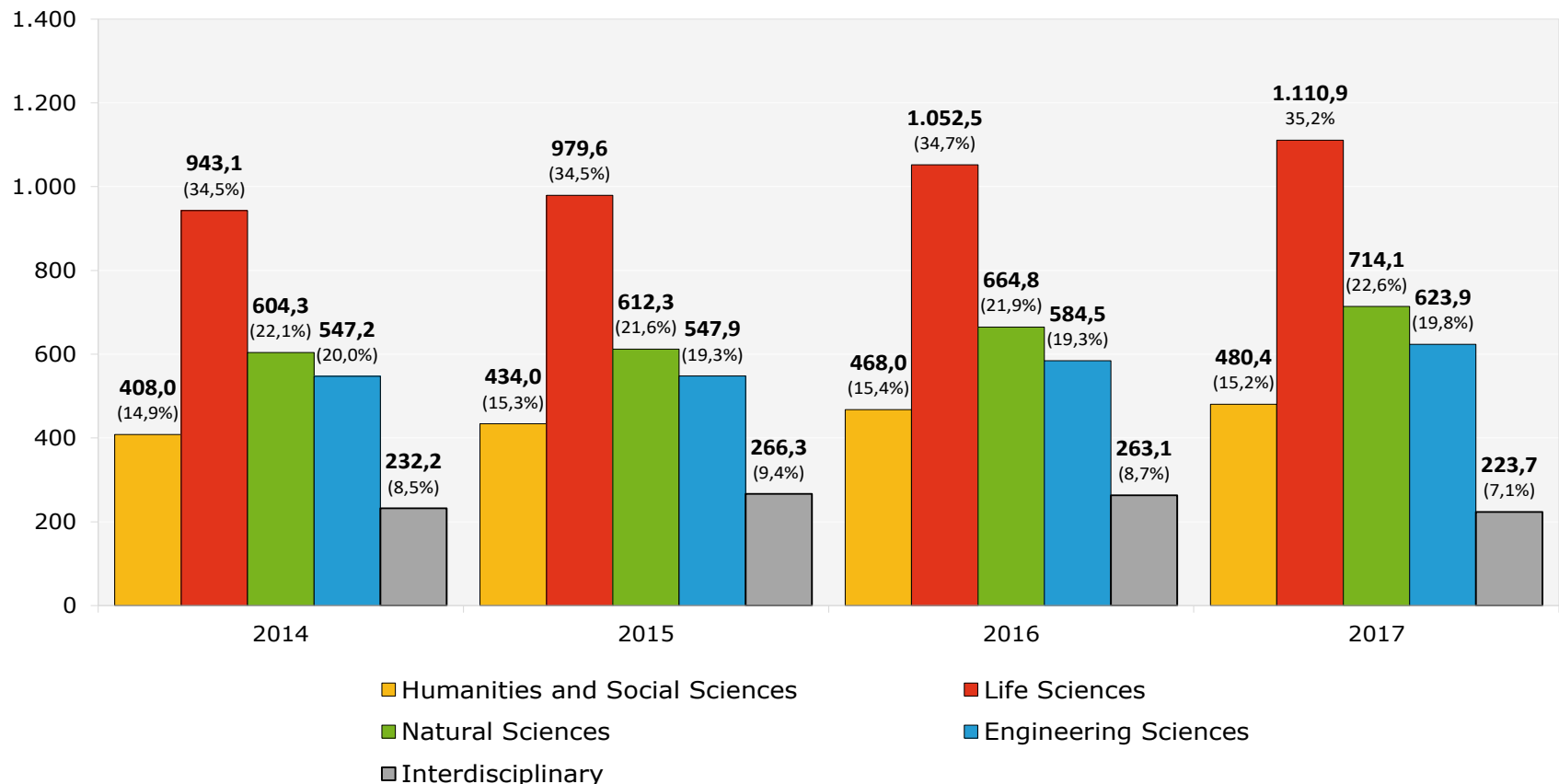


Total: € 3.15 billion

The DFG – About Us

Funding by discipline 2014-2017

Amount of research funding awarded by scientific discipline for each calendar year
(in €m and %)



The DFG – About Us

Our statutes

Article 1 Purpose of the Association

The Deutsche Forschungsgemeinschaft (DFG, German Research Foundation) serves all branches of science and the humanities by funding research projects and facilitating national and international collaboration among researchers. It devotes particular attention to the advancement and training of early career researchers. The DFG promotes equality between women and men in science and academia. It advises parliaments and public interest institutions on scientific matters and fosters relations between the research community and society and the private sector.

The DFG – About Us

Our mission for early career researchers

- ▶ Facilitate **cutting edge research projects for PhD students** in a stimulating environment
- ▶ Pave the road to **early scientific independence**
- ▶ Attract talented early career researchers **from Germany and abroad**
- ▶ Induce **fair and supportive structures**



The DFG – About Us

Eligibility



Researchers

- ▶ who have completed their scientific training, i.e. who hold a **doctorate**
- ▶ **PhD students are not eligible** to apply for funding directly, but can benefit from DFG funding through individual grants or coordinated projects

Topics

1 | The DFG – About Us

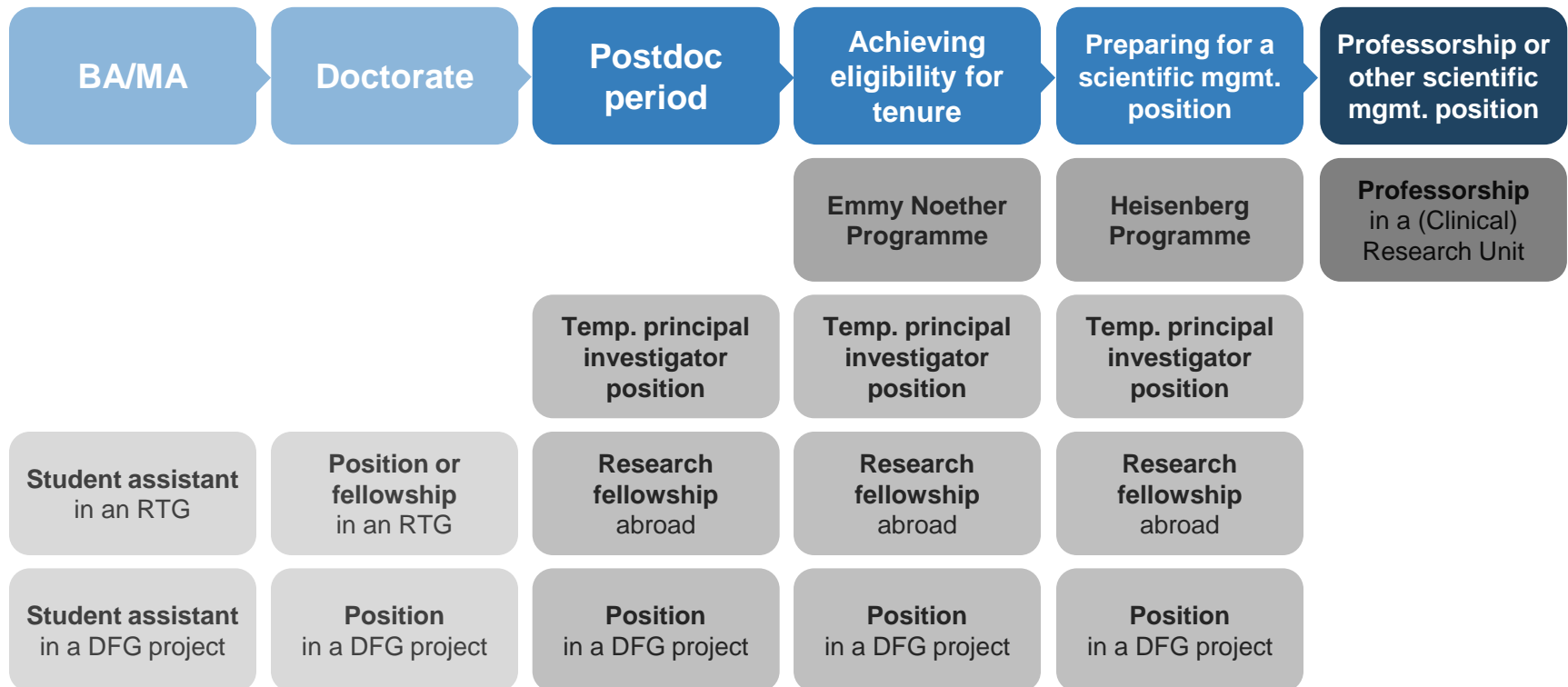
2 | DFG Funding Opportunities

3 | Advice for PhD Students

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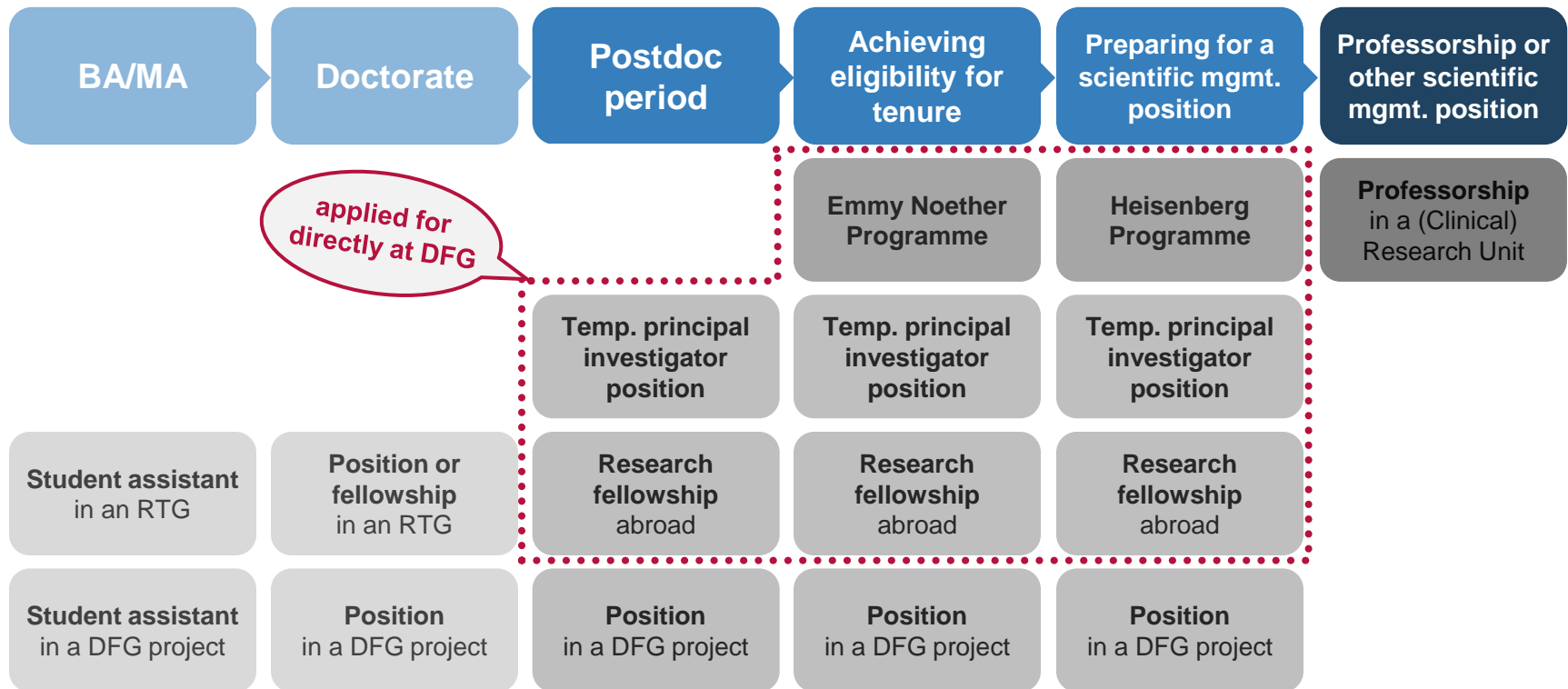
DFG Funding Opportunities

For early career researchers



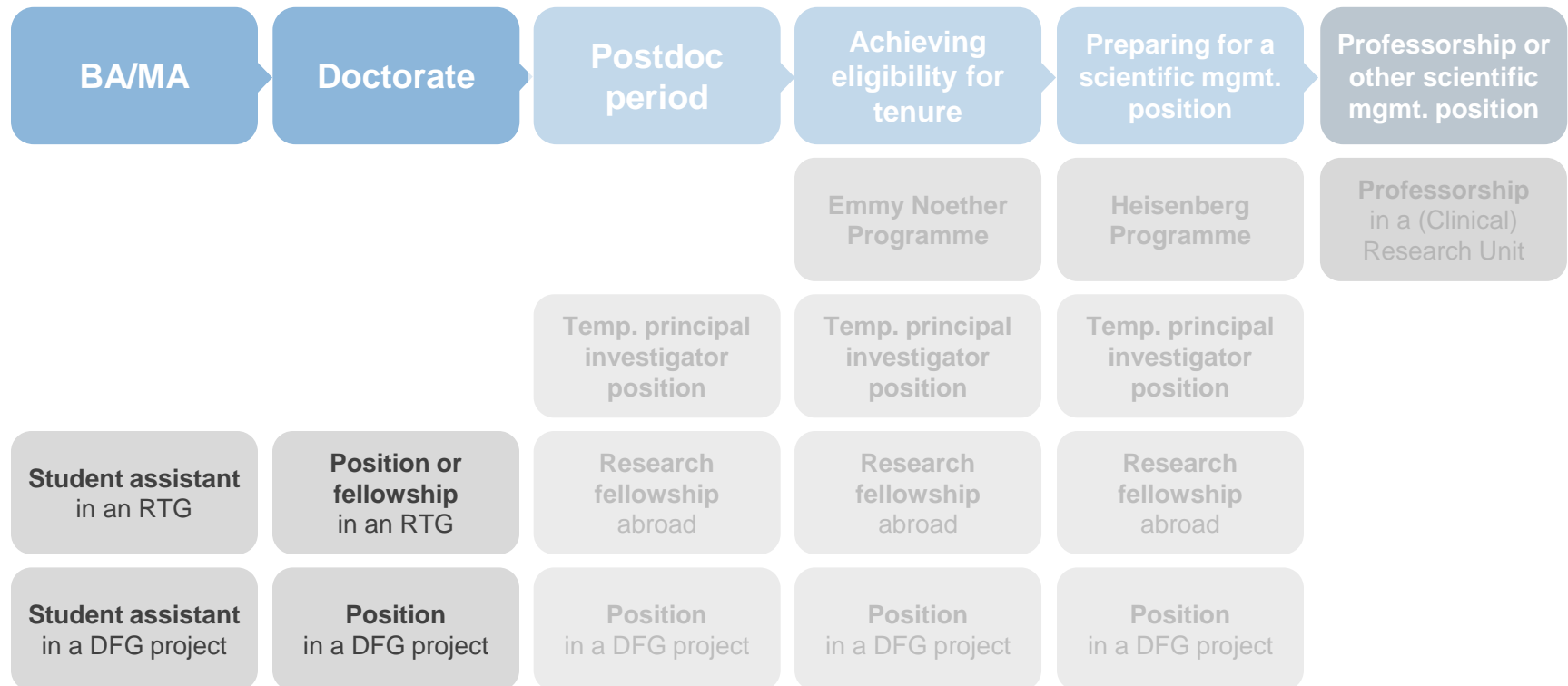
DFG Funding Opportunities

For early career researchers



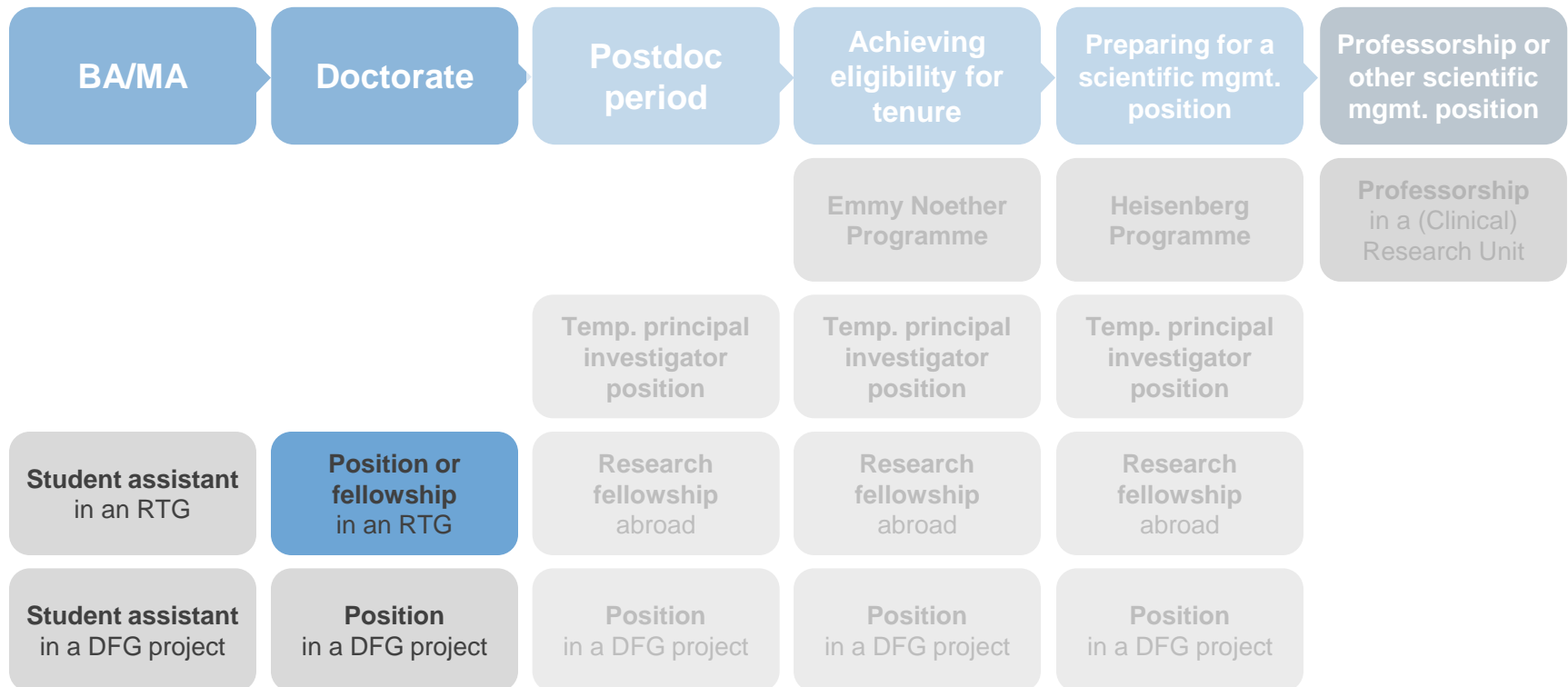
DFG Funding Opportunities

For early career researchers



DFG Funding Opportunities

For early career researchers



Research Training Groups (RTGs)

Graduiertenkolleg

- ▶ approx. 10 PIs as supervisors
- ▶ suitable, mostly interdisciplinary research programme
- ▶ Thought-out supervision strategy
- ▶ Integration into fitting research environment
- ▶ Tailored training programme, often also including soft skills



Research Training Groups (RTGs) Benefits

- ▶ positions (or fellowships)
- ▶ Team spirit: scientific exchange with other PhD students, scientists and researchers
- ▶ constant improvement of the programme through direct feedback
- ▶ specific funds for scientific networking:
 - international Summer Schools & conferences
 - Invitation of guest scientists
 - Research stays abroad
- ▶ Equal opportunities and dedicated support for PhD students with children



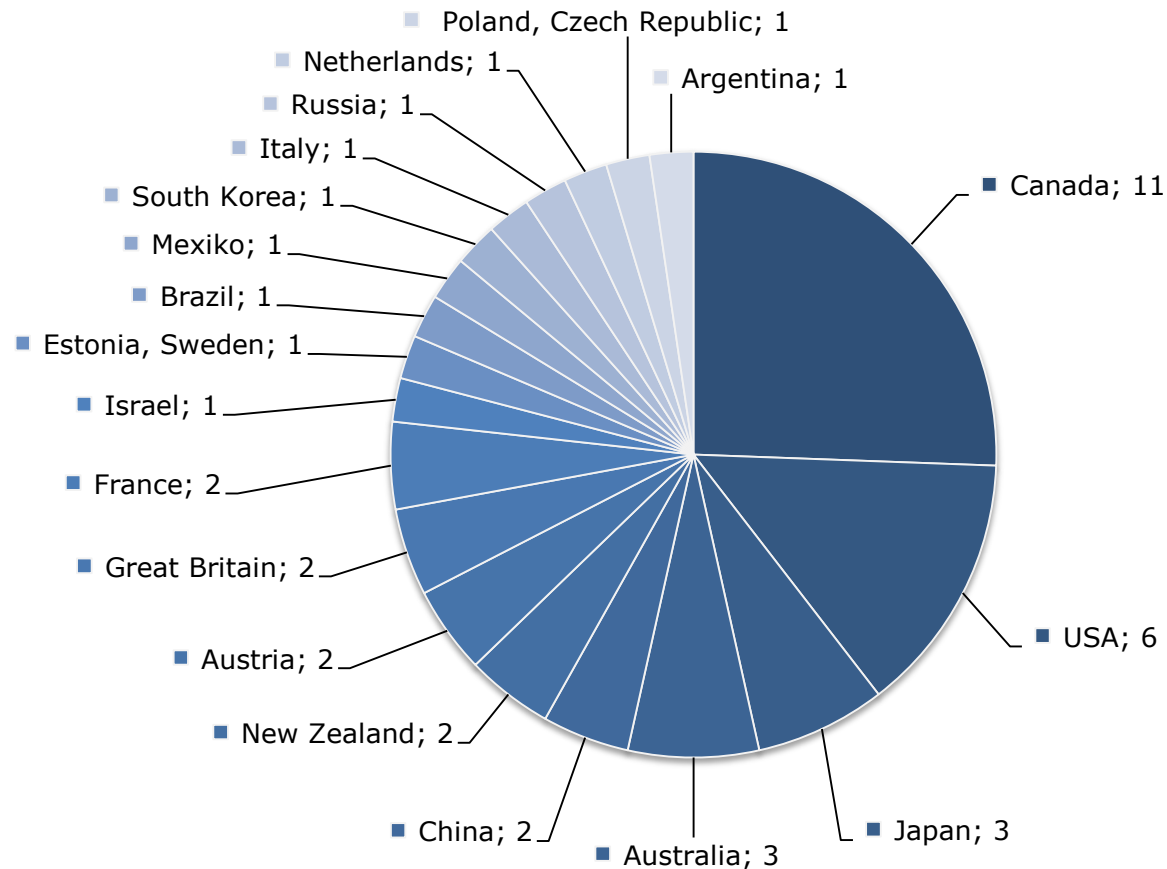
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International Research Training Groups (IRTGs)

- ▶ Joint research and training programme with a partner institution outside of Germany
- ▶ International co-supervision
- ▶ Generally six months research stay abroad



International Research Training Groups in cooperating partner countries, 2017



Total of 41 currently funded International Research Training Groups

Research Training Groups (RTGs)

How to apply

- ▶ Look for posted positions (or fellowships)
- ▶ Apply with the Research Training Group directly
- ▶ PhD students with external funding can be associated

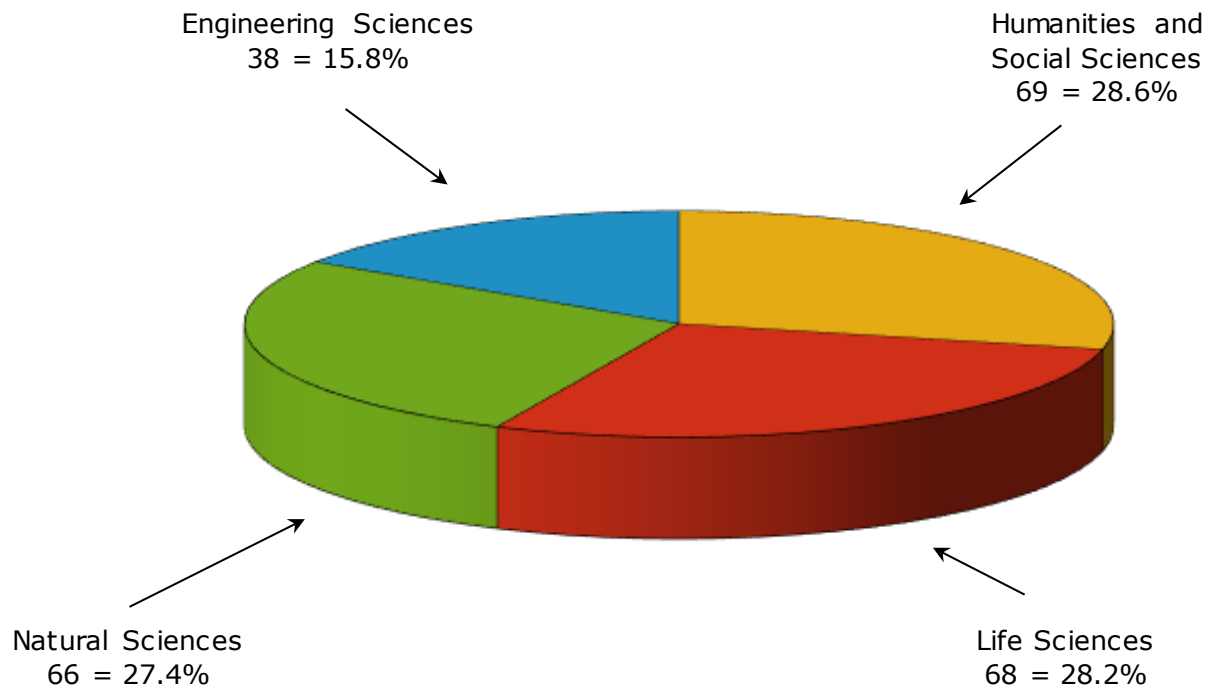


Research Training Groups (RTGs) Funding



- ▶ guaranteed three years of funding in Research Training Groups
- ▶ positions: 65%-100% TV-L/TVöD E13
- ▶ (rarely) fellowships: 1.000-1.365 €
- ▶ Specific measures for PhD students with children
 - extension of funding duration after parental leave
 - childcare support

Number of Research Training Groups by scientific discipline 2017



* New and ongoing Research Training Groups per year: 241

Research Training Groups (RTGs) In Kiel

The screenshot displays the website for the Research Training Group i743, which focuses on genes, environment, and inflammation. The header includes navigation links for Home, Contact, and a search bar. Below the header, there are tabs for Research Training Group, Research, People, Education, and News. The main content area features a large image of a person using a microscope. The text describes the group's vision and lists research topics and educational goals. At the bottom, there is an intranet login section with fields for Username and Password, and buttons for Log in and Create new account.

Home | Contact | Search entire website ...

RTG i743
genes environment inflammation

Research Training Group
Vision
About us...

Research
Projects
Publications...

People
Members
Associated scientists...

Education
Doctorate
Training

News

Research Training Group

genes, environment, inflammation

Within this Research Training Group we will study the environmental influences responsible for the development of complex, chronic diseases. Moreover, we will systematically examine the previously understudied interplay between the (micro)-environment and predisposing genetic factors...

» more on our vision

RESEARCH

The scientists in the Research Training Group (RTG) want to find out

- how the non-genetical schemes in the cell change during the development of chronic inflammatory diseases;
- how diet influences the development of inflammatory diseases;
- new statistical and bioinformatical ways to express research results.

» more on our research

PEOPLE

a team of young and innovative scientists who are experts in the fields of:

- molecular biology
- human genetics
- immunology
- bioinformatics
- biochemistry
- microbiology
- epidemiology
- statistics.

» more on our people

EDUCATION

The purpose of the structured doctoral student programme is to:


- enable young scientists to obtain their doctoral degree within three years;
- qualify doctoral students for postdoctoral work;
- impart interdisciplinary knowledge;
- promote postgraduate students' transferrable skills.

» more on our education

Intranet: Username: Password: Log in Create new account

<https://www.genes-environment-inflammation.de/>

Research Training Groups (RTGs) In Kiel



Kiel University
Faculty of Engineering
Institute of Materials Science

Home Search Contact Persons Sitemap Legal Notice Data Protection - A +

You are here: GRK 2154 - Materials for Brain > Overview

GRK 2154 - Materials for Brain

Overview

Events

News

Principal Investigators

Doctoral Researchers

Associated Doctoral Researchers

Medical Scholarships

Associated Scientists

Other Researchers

Scientific Advisory Board

Projects


Qualification program

Publications

Open Positions


Contact

GRK 2154 Materials for Brain



Materials for Brain (M4B): Thin film functional materials for minimally invasive therapy of brain diseases.

The treatment of patients with chronic brain diseases is mainly based on systemic drug treatments. Sufficiently large drug concentrations in the brain are often accompanied by side effects affecting other organs in the body. Neural implants, which allow localized and individualized therapy, are an alternative solution if they can satisfy the following requirements: they must be compact, biocompatible, resilient and highly flexible, particularly when used in kids and teens. Defined, nano-scale, therapeutically active coatings as well as suitability of the implants for diagnostics with magnetic resonance imaging (MRI) can open up new prospects for novel therapies. In order to reach these goals, micro-structured, functional materials based on thin film technology will be investigated for innovative local treatment of epilepsies, brain tumors and vascular diseases. Material-controlled drug release and implant interactions with cells will initially be studied using cell cultures. Subsequently, the effect of the implants on specific structures and functions of the brain will be investigated in disease-related animal models by histological and in vivo approaches by MRI and functional tests (behavioral tests, electroencephalography).



Research Training Groups (RTGs) In Lübeck



UNIVERSITÄT ZU LÜBECK
INSTITUT FÜR SYSTEMISCHE ENTZÜNDUNGSFORSCHUNG
University of Lübeck → IRTG1911

LOGIN | DISCLAIMER

IRTG1911 PROJECTS PROGRAM PEOPLE PUBLICATIONS CONTACT/LINKS

Next Journal Club

Next Journal Club will take place **June 12, 2018!**

Journal Club IRTG 1911

Tuesdays, 5pm

August 2018

Mon	Tue	Wed	Thu	Fri	Sat	Sun
		01	02	03	04	05
06	07	08	09	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

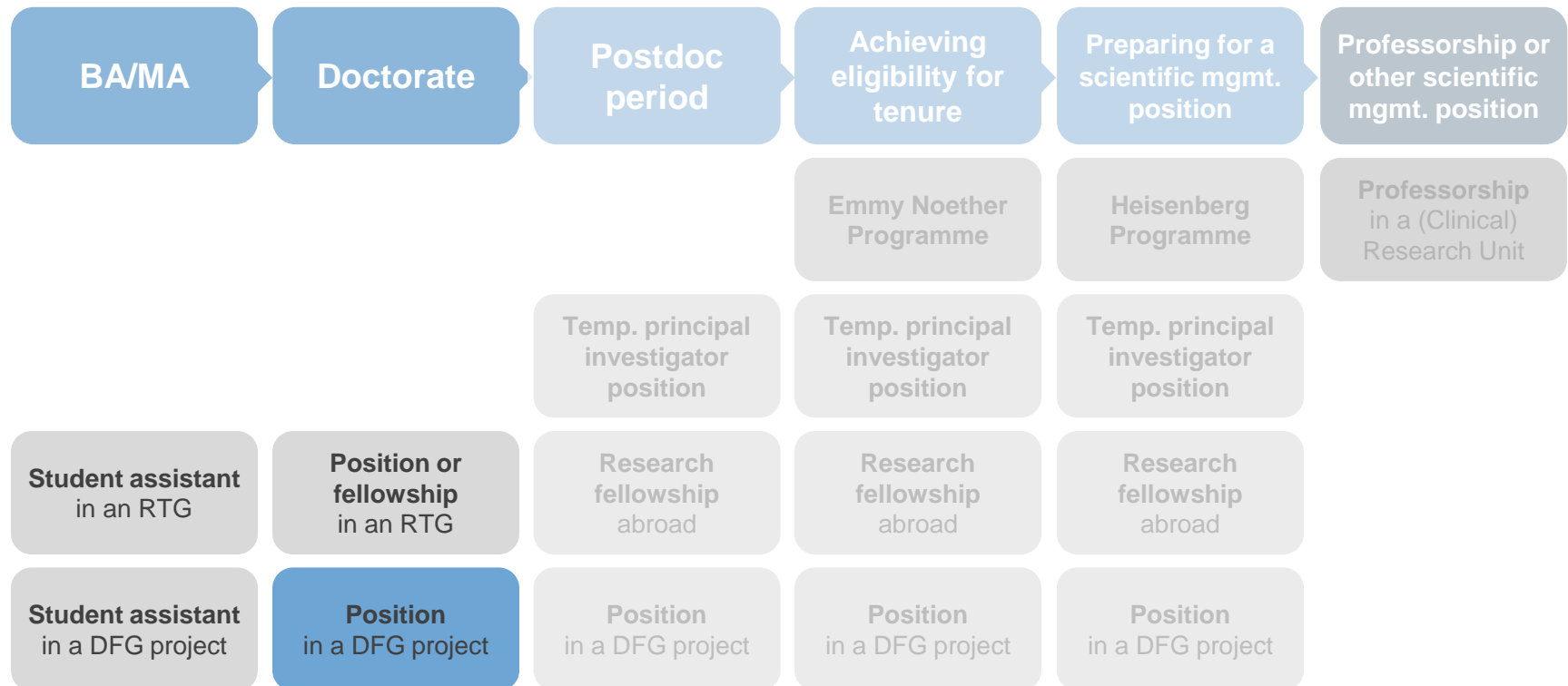
Open Positions

MD stipends (838€/month)
click here for further information

Institut für Systemische Entzündungsforschung
Tel: +49 (0) 451 500 51401
Fax: +49 (0) 451 500 51404

DFG Funding Opportunities

For early career researchers



DFG Funding Opportunities

Working in a DFG-funded project

More than 1,000 positions for early career researchers:

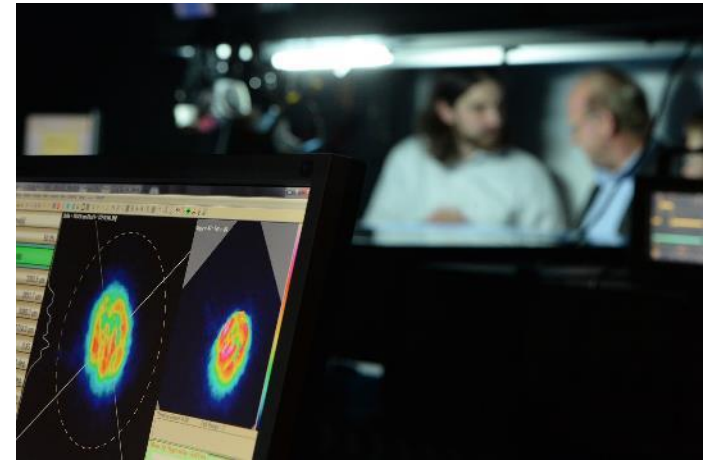
- ▶ Individual projects (*Einzelförderung*)
- ▶ Research Units (*Forschungsgruppen*)
- ▶ Priority Programmes (*Schwerpunktprogramme*)
- ▶ Collaborative Research Centres (*Sonderforschungsbereiche*)
- ▶ Research Training Groups (*Graduiertenkollegs*)



DFG Funding Opportunities

Working in a DFG-funded project

- ▶ Positions for **doctoral researchers** and **postdocs**
- ▶ At a German university or research institute
- ▶ **Duration** of funding depends on project
- ▶ **Position** (65%-100% TV-L/TVöD E13)
- ▶ **Apply with the project's PI**



DFG Funding Opportunities

Working in a DFG-funded project

The screenshot shows the DFG (Deutsche Forschungsgemeinschaft) website. At the top, there is a navigation bar with links: elan, GEPRIS, Research Explorer, Press, Contact, Deutsch, and a user icon. Below this is the DFG logo and the text 'Deutsche Forschungsgemeinschaft'. A search bar is located to the right of the logo. A secondary navigation bar contains links: Research Funding, Funded Projects, and DFG in Profile. On the left side, there is a sidebar menu with links: Press, Jobs@dfg (highlighted), RSS Feeds, Contact and Visitors Information, Sitemap, and Newsletter. The main content area is titled 'Jobs@dfg' and includes a welcome message: 'Welcome to the DFG!'. Below this, a paragraph describes the DFG's structure: 'The Head Office of the DFG employs 750 members of staff and is based in Bonn. It has an office in Berlin plus foreign offices in India, Japan, Latin America, North America and Russia. The Head Office supports the work of the bodies and administers the DFG funding programmes.' At the bottom of the main content area, there are three featured sections: 'Career Opportunities' (with an image of a resume and a pen), 'Positions in DFG-Funded Projects' (with an image of a molecular model), and 'RSS - Feed' (with an RSS icon). Each section includes a brief description and a 'more' link.

elan GEPRIS Research Explorer Press Contact Deutsch

DFG Deutsche Forschungsgemeinschaft

Research Funding Funded Projects DFG in Profile


> Press
> **Jobs@dfg**
> RSS Feeds
> Contact and Visitors Information
> Sitemap
> Newsletter

Home > Service > Jobs@dfg

Jobs@dfg


Welcome to the DFG!

The Head Office of the DFG employs 750 members of staff and is based in Bonn. It has an office in Berlin plus foreign offices in India, Japan, Latin America, North America and Russia. The Head Office supports the work of the bodies and administers the DFG funding programmes.




Career Opportunities

Positions at the DFG Head Office (in German only). [more >](#)



Positions in DFG-Funded Projects

The following DFG-funded projects are currently open. [more >](#)



RSS - Feed

Subscribe to our various RSS feed ... [more >](#)

<http://www.dfg.de/service/jobs>

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Advice for PhD students

Research career

- ▶ Develop your own and independent research profile
- ▶ Publish independently (if possible)
- ▶ Be flexible – find the best environment for your research
- ▶ Build networks of collaboration partners
- ▶ Consider alternative career paths
- ▶ Take advantage of advice and information services



Advice for future applicants

From a reviewer's perspective

- ▶ Is the project important?
- ▶ Is the project idea current and original?
- ▶ Will the project result in significant findings? What new knowledge will be generated – what gaps in current knowledge would be filled?
- ▶ Is the applicant (or team of applicants) suitably qualified to carry out the project successfully?
- ▶ Are the proposed methods up to date and suitable for addressing the research question?
- ▶ Can the work programme be completed within the proposed timeframe?

Advice for future applicants

10 golden rules for submitting a proposal

1. The proposal follows the guidelines and instructions and does not exceed the maximum allowable length.
2. The proposal is clear, precise, well structured and understandable to a non-expert audience.
3. The project idea is original and contributes considerably to our understanding of scientific (and social) questions.
4. The scientific aims are focused on central questions, theses and hypotheses.
5. The descriptions of the current state of research are up to date and relate directly to the project's objectives.

Advice for future applicants

10 golden rules for submitting a proposal

6. The preliminary work and personal track record reflect the qualifications and academic/scientific independence of the applicant.
7. The work programme is clear and follows a realistic timeline.
8. The methods are tailored to address the issues at hand.
9. The proposed budget is consistent with the work programme.
10. Information relevant to the proposal, such as unpublished manuscripts and written agreements with significant cooperation partners, are included.

Topics

1 | The DFG – About Us

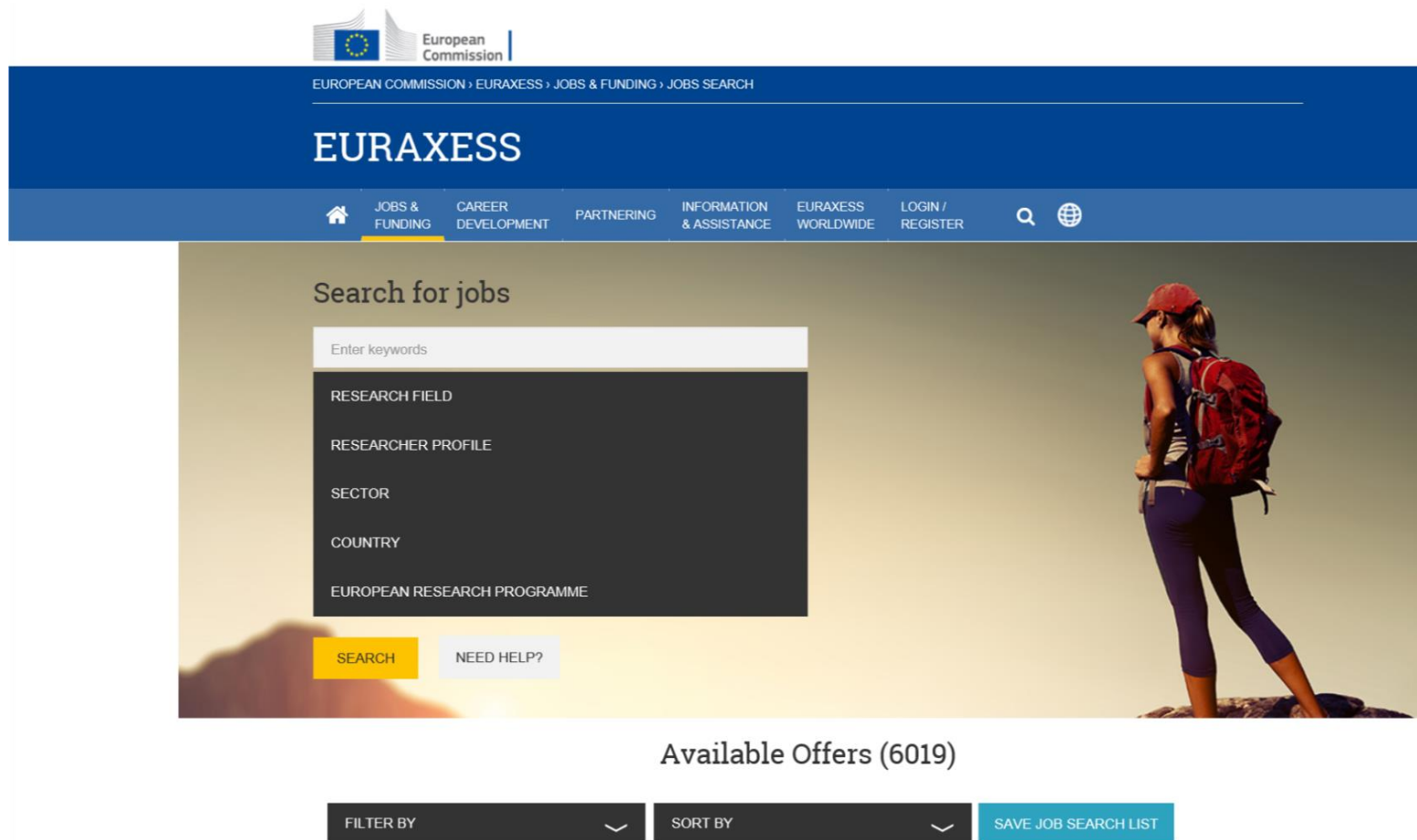
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Links and Resources

European Commission

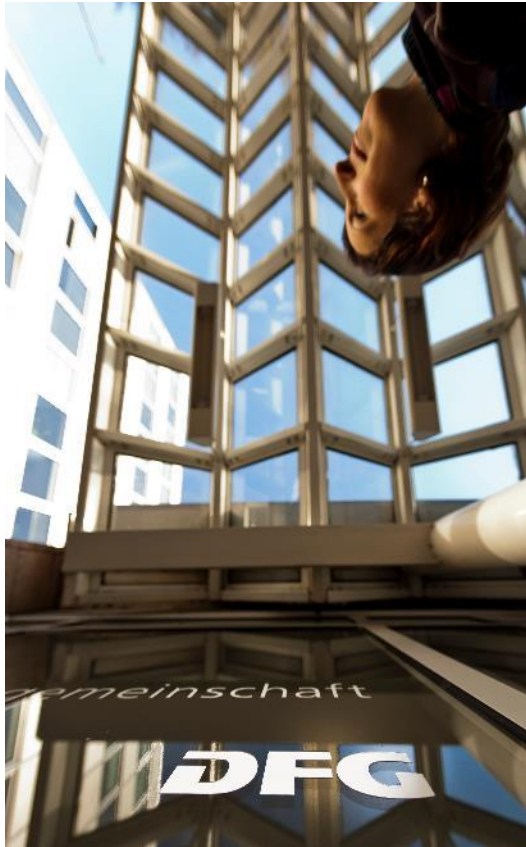


The screenshot displays the EURAXESS website interface. At the top, the European Commission logo is visible. Below it, a breadcrumb trail reads: EUROPEAN COMMISSION > EURAXESS > JOBS & FUNDING > JOBS SEARCH. The main header features the EURAXESS logo. A navigation bar includes links for JOBS & FUNDING (highlighted), CAREER DEVELOPMENT, PARTNERING, INFORMATION & ASSISTANCE, EURAXESS WORLDWIDE, and LOGIN / REGISTER. A search icon and a globe icon are also present. The main content area is titled 'Search for jobs' and contains a search input field with the placeholder 'Enter keywords'. Below the input field is a dropdown menu with the following options: RESEARCH FIELD, RESEARCHER PROFILE, SECTOR, COUNTRY, and EUROPEAN RESEARCH PROGRAMME. At the bottom of the search area are two buttons: 'SEARCH' (yellow) and 'NEED HELP?' (grey). The background of the search area features a woman with a red backpack standing on a rocky outcrop, looking out over a sunset. Below the search area, the text 'Available Offers (6019)' is displayed. At the bottom of the page, there are three buttons: 'FILTER BY' (with a dropdown arrow), 'SORT BY' (with a dropdown arrow), and 'SAVE JOB SEARCH LIST' (teal).

<https://euraxess.ec.europa.eu/jobs>

Links and Resources

DFG



- ▶ Early career grant programmes at a glance:
www.dfg.de/research_careers
- ▶ FAQs for potential and enrolled doctoral researchers:
www.dfg.de/en/research_funding/faq
- ▶ DFG German Project Information System (GEPRIS):
www.gepris.dfg.de/en
- ▶ Research Explorer – The German Research Directory:
www.dfg.de/en/rex
- ▶ General questions: info-nachwuchs@dfg.de



Thank you for your attention

Dr. Astrid Evers

Deutsche Forschungsgemeinschaft

Research Careers

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