



ZENTRUM ZUR FÖRDERUNG
DES WISSENSCHAFTLICHEN NACHWUCHSES
AN DER UNIVERSITÄT REGENSBURG



Durchstarten zur Professur: Exzellente Nachwuchsförderprogramme

On the Way to Professorship: Excellent Funding Programmes for Postdocs

7.12.2017, 16.00 – 18.00 Uhr, H45



Universität Regensburg

Agenda

1.) Introduction - Drittmittelanreizsystem

2.) Notes on ...

- DFG - Emmy Noether Programme (*Chernikov, Czaczkes, Kretschmer, Kudielka*)
- DFG - Heisenberg Programme (*Gorris*)
- VW - Lichtenberg Professorship (*Repp*)
- AvH - Sofja Kovalevskaja Award (*Egger, D.*)
- BMBF – Nachwuchsforschergruppen (*Egger, V.*)
- ENB - International Junior Research Group (*Bodendorfer*)
ZD.B – Nachwuchsforschergruppe (*Wimmer*)
- MSCA - Individual Fellowship (*Madanagopalan, Troch*)
- ERC - Starting Grant (*Lupton*)

3.) General Discussion



Drittmittelanreizsystem der Universität

- belohnt Drittmittelanträge bei anerkannten Förderern
- hilft bei Anschubfinanzierung von Projekten

Antragsberechtigt: NachwuchswissenschaftlerInnen bis 9 Jahre nach der Promotion

Linie 1:
Nachwuchs-
förderung

Gefördert werden Anträge auf bzw. Einrichtung von Nachwuchsgruppen in Programmen wie Emmy Noether, Heisenberg, Lichtenberg-Professuren, BMBF-Nachwuchsforschergruppen, Sofja Kovalevskaja-Preis, ERC Starting Grants und vergleichbare



Anschubfinanzierung → 10.000 €

Im Bewilligungsfall → 20.000 €

Incomings, die eine Stelle an der UR antreten und ein bewilligtes Projekt überführen → 30.000 €

www.forschungsfoerderung.ur.de/drittmittelanreizsystem

Emmy Noether Programme

Eligibility Requirements

1.1.2018 – Changes !!

Early career researchers from all disciplines

- generally up to 4 years after obtaining a doctorate,
- as a rule two years of postdoctoral experience,
- substantial international research experience, as a rule evidenced by a research stay abroad of at least 12 months during the doctoral or postdoctoral phase or by comparable scientific cooperation with researchers abroad (the collaboration may have resulted in a relevant publication),
- rapid completion of research training.

Foreign applicants are expected to continue their scientific career in Germany following completion of the funding period. This intent must be confirmed by the applicant and submitted with the proposal.

Previous scientific track record, outstanding publications in high-ranking international specialist journals or comparable

Proposal Requirements

Excellent research project

Funding

six (3+3)

The grant period is generally ~~five~~ years. Funding includes the position for you as the head of an independent junior research group (with a salary commensurate with the wage agreement for the public service sector (TvL and TvÖD) in the E 15 compensation group applicable at German research institutions) and the funds for personnel, material and other resources for implementing the project.

New options as of 1.1.2018:

- rotation post instead of a position as junior research group leader for researchers who also work in clinical practice
- family allowance of up to €6,000 per year during conference or research trips

Proposals submitted up until 31 December 2017 will be subject to the current rules, but see **Transitional rules**.

Proposals may be submitted **at any time**.
Time to decision: approximately 6 months

www.dfg.de/emmy_noether/en

Heisenberg Programme

Aim:

- Scientific excellence
- Freedom to work on an advanced research topic
- Support of advanced researchers who fulfil the requirements for appointment to a long-term professorship (usually habilitation required)

General rules:

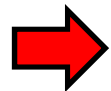
- No age limit (since 2007; average age of applicants: 39.5 years)
- Proposals can be submitted at any time / time to decision ca. 9 months
- Duration: 3 + 2 years (interim evaluation)
- Funding covers only personal expenses of applicant (different from EN programme) (but an application for a DFG research grant can be submitted in parallel => recommended)

Heisenberg Programme

Application procedure:

- Starting in January 2018: only a single type of application:
“Funding in the Heisenberg Programme”
(no distinction between Fellowship / Professorship at time of application)

- After grant approval you have four different options:



1) Heisenberg position at the University (regular employment)

2) Heisenberg fellowship (€ 4600/month, no social insurance)
=> highest degree of scientific freedom / in Germany or abroad

new

3) Heisenberg Professorship (W2/W3 salary)
=> University must create a new professorship for you and agree to
continue funding after the grant expires

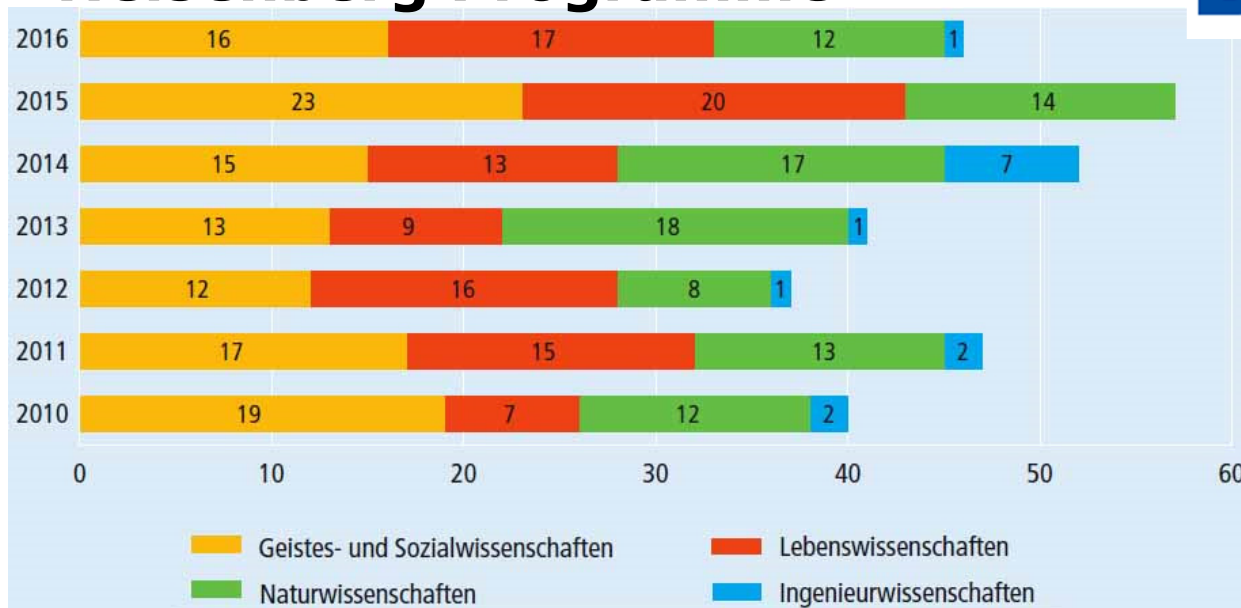


4) Heisenberg rotation position (for researchers in clinical practice only)

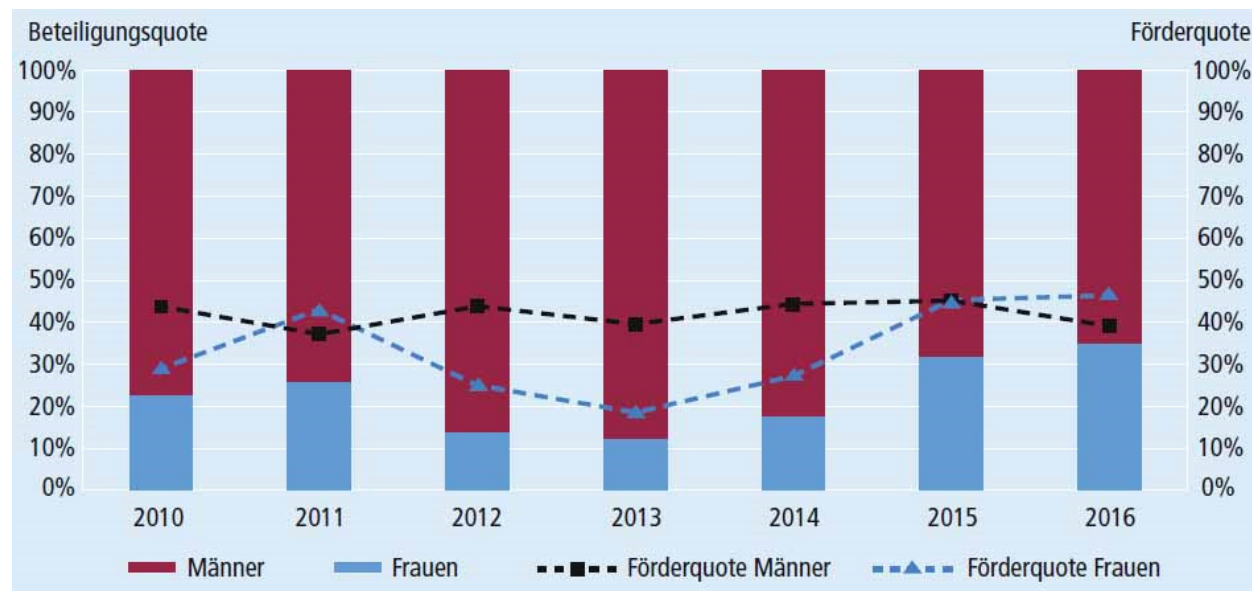
- It is possible to switch between these four options

www.dfg.de/heisenberg/en

Heisenberg Programme



Development of approved Heisenberg scholarships in different scientific fields



Development of success rates of proposals for a Heisenberg scholarship

Lichtenberg Professorship



-  area of research: all disciplines
-  type of funding: professorship
-  up to 1.5 million Euro
-  up to 5 years
-  outstanding (young) researchers who want to carry out independent research in innovative and interdisciplinary areas
-  prerequisites: tenure-track commitment of the university; up to 4/7 years of postdoctoral experience; research experience abroad; change of academic environment
-  additional benefits: special family related benefits; additional funding for refugee scholars and scientists; training programs; funding for communication of science and research

Deadline: June 5, 2018 (final call)

<https://www.volkswagenstiftung.de/nc/en/lichtenberg-professorships.html>

Sofja Kovalevskaja Award



Submit an application if you are a successful top-rank junior researcher from abroad, only **completed your doctorate with distinction in the last six years**, and have published work in prestigious international journals or publishing houses. The Sofja Kovalevskaja Award allows you to spend five years building up a working group and working on a high-profile, innovative research project of your own choice at a research institution of your own choice in Germany.

Scientists and scholars from all disciplines may apply online to the Alexander von Humboldt Foundation. The Humboldt Foundation plans to grant up to six Sofja Kovalevskaja Awards annually. The award is valued at up to €1.65 million.

The next call is expected for spring 2018.

- **Goal: Supports highly original research & scientific independence**
- **Applicable: researchers from abroad coming to Germany**
- **Similar in size to ERC-StG., but very flexible & little administration**
- **Administrative flat-rate: not overhead! e.g. finance professorship**
- **“Humboldt network”: thousands of excellent researchers worldwide**

<https://www.humboldt-foundation.de/web/kovalevskaja-award.html>

Nachwuchsforschergruppen

Ein zentrales Instrument in der BMBF-Nachwuchsförderung sind Nachwuchsforschergruppen. In diesen Gruppen arbeiten mehrere Doktorandinnen und Doktoranden, mitunter auch Postdoktoranden, unter der Leitung eines Postdoktoranden an eng miteinander verbundenen Forschungsfragen. Ziel der Förderung ist es, die eigenständige wissenschaftliche Tätigkeit mit persönlicher Weiterqualifizierung zu verbinden und, unterstützt von erfahrenen Mentoren bzw. Mentorinnen, auch organisatorisch weitgehend selbstständig an einer Hochschule oder Forschungseinrichtung zu agieren. Antragsteller sind hervorragende Nachwuchswissenschaftlerinnen und -wissenschaftler in der Phase nach der Promotion bis zur Berufung.

Aktuelle Ausschreibungen :

BioÖkonomie 2030 – Nachwuchsgruppen im Rahmen des Konzepts „Bioökonomie als gesellschaftlicher Wandel“

Einreichfrist für Skizzen: 17.1.2018

Forschung für nachhaltige Entwicklungen (FONA3) – Inter- und transdisziplinär arbeitende Nachwuchsgruppen im Rahmen der Sozial-ökologischen Forschung

Nächste Einreichfrist für Skizzen: 27.4.2018

www.bmbf.de/foerderungen und foerderdatenbank.de

International Junior Research Group

The goal of establishing International Junior Research Groups is to attract excellently qualified junior researchers to Bavarian universities. Their research projects are to be established within the framework of Elite Graduate Programs or International Doctorate Programs of the Elite Network of Bavaria.

Nachwuchs- forschergruppe

Es werden bis zu zehn wissenschaftliche Nachwuchsgruppen auf der Grundlage eines wettbewerblichen Auswahlverfahrens eingerichtet und über eine Laufzeit von fünf Jahren jeweils mit bis zu 250.000 Euro pro Jahr gefördert.

Die 10 ZD.B Nachwuchsforschungsgruppen werden aktuell eingerichtet.

Currently no call expected

**[www.elitenetzwerk.bayern.de/
nachwuchsforscher](http://www.elitenetzwerk.bayern.de/nachwuchsforscher)**

**[zentrum-digitalisierung.bayern/
initiativen-fuer-die-wissenschaft/
nachwuchsforschungsgruppen/](http://zentrum-digitalisierung.bayern/initiativen-fuer-die-wissenschaft/nachwuchsforschungsgruppen/)**

Marie Skłodowska-Curie Actions: Individual Fellowships



Who can apply?

This action is meant to support the **best, most promising individual researchers** from anywhere in the world.

Only **experienced researchers** can apply. This means you will have your doctoral degree or at least four years' full-time research experience by the time of the call deadline.

What can be funded?

All research areas can be funded except those covered by the **EURATOM Treaty** as referred to in article 4 and Annex I.

Mobility across borders is a must. Cross-sectoral mobility is also encouraged.

What does the funding cover?

The grant provides an **allowance to cover your living, travel and family costs**. The grant is awarded to your host organisation, usually a university, research centre or a company in Europe. The research costs and overheads of the host organisation(s) are also supported.

European Fellowships last from **one to two years**, Global Fellowships from **two to three years**.

Types of Individual Fellowships

There are two types of Individual Fellowships:

European Fellowships

- Held in the **EU or associated countries**.
- Open to researchers either coming to Europe or moving within Europe.
- Can help to restart research careers after a break such as parental leave.
- Can also help reintegrate researchers coming back to Europe.

Global Fellowships

- Fund secondments outside Europe for researchers based in the **EU or associated countries**.
- There is a mandatory one-year return period.

European and Global Fellowships can also include a **secondment period** of up to 3 or 6 months in another organisation in Europe, where this would boost the impact of the fellowship.

Forthcoming Call

MSCA-IF-2018: Individual Fellowships

Opening date: **12 April 2018**

Deadline: **12 September 2018**

ec.europa.eu/research/mariecurieactions/about/individual-fellowships_en

Starting Grants



European Research Council



Who can apply?

Researchers of any nationality with **2-7 years of experience since completion of PhD** (Extensions are possible under certain circumstances — see the latest **ERC Work Programme**), a scientific track record showing great promise and an excellent research proposal



What proposals are eligible?

Criteria

Applications can be made in **any field of research**

The ERC's grants operate on a 'bottom-up' basis without predetermined priorities.

Location

Research must be conducted in a **public or private research organisation** (known as a Host Institution/HI). It could be the HI where the applicant already works, or any other HI located in one of **the EU Member States or Associated Countries**

Host Institution

Applications for an ERC grant must be submitted by a single Principal Investigator (PI) in conjunction with and on behalf of their Host Institution, called the applicant legal entity.

Team

ERC grants support projects carried out by **an individual researcher** who can employ researchers of any nationality as team members. It is also possible to have one or more team members located in a non-European country.



How much?

Starting Grants may be awarded up to **€ 1.5 million** for a period of **5 years**. (pro rata for projects of shorter duration). However, an additional € 0.5 million can be made available to cover eligible "start-up" costs for researchers moving from a third country to the EU or an associated country and/or the purchase of major equipment and/or access to large facilities.

An ERC grant can cover up to 100% of the total eligible direct costs of the research plus a contribution of 25% of the total eligible costs towards indirect costs.



How to apply?

ERC grant applications can only be submitted in response to a Call for Proposals.

The ERC has **yearly calls** for proposals covering all scientific fields.

Next Deadline expected for: **October 2018**

erc.europa.eu/funding/starting-grants



Insights & Perspectives



What the European Research Council is looking for in applications

*Helga Nowotny**

The answer to the request for information on what the European Research Council (ERC) is looking for in applications is straightforward.

We encourage principal investigator-driven, bottom-up, truly excellent and ambitious research projects in frontier science. We especially welcome high-risk and interdisciplinary proposals. We are unique among the various parts of the framework programme in not imposing any restrictions, since there are no thematic priorities. Nor are there restrictions regarding the nationality of the applicant, although it is expected that he or she will work at a host institution in an EU member state or in an associated country. Within the overall limits of rules imposed by the European Commission, we try to make the application procedure and the reporting of results as transparent and simple as possible for applicants. We are committed to supporting especially the younger generation of researchers in Europe and devote 50% of our overall budget to them. As of 2011, the age limit for the group of 'Starters' will be 2–7 years post-Ph.D. and for 'Consolidators' 7–12 years. The success rate at present is on average in the order

of 14–17% and, with the budget rising to €1.8 billion in 2013, might still go up slightly. We are well aware of the scientific talent that exists everywhere in Europe and we encourage these individual researchers to apply.

Nevertheless, it is useful for applicants to receive some overall background information and to be provided with examples of successful applications (more are to be found on the website and in ERC publications). But there is no single model for success in science. And there is only one piece of advice to be given: follow your own ideas and go where your curiosity and passion for science lead you. As always, it helps to speak to colleagues. If you apply for a Starting Grant, keep in mind that we want to see you become scientifically independent or to consolidate the independence you have already achieved. In the evaluation procedure, your track record will be carefully scrutinized and it is important that you can show publications in international, peer-reviewed journals. During the first stage of the evaluation, only the synopsis of your project will be read by the reviewers. Make sure that your ideas

and plans are well thought-through and presented in a way that is also clear to non-specialists on the panel. If you are thinking of applying for an Advanced Grant, we encourage well-established scientists and scholars with an impressive track record during the last 10 years to take the risk and submit the proposal that they may have wanted to submit for a long time. An ERC grant will provide successful applicants with a sufficiently large budget for the next five years. They may choose their host institution and even move after two years. We are convinced that over time, ERC grantees will contribute significantly to science in Europe and for Europe.

Background

While research funding has become one of the major policy issues of European integration during the last 20 years, cutting-edge basic research has remained largely underdeveloped at the European level. This is mainly due to the provision in the Old Treaty mandating research to be financed under the framework programmes to the extent that it supported

- *A Principal Investigator may submit proposals to different ERC frontier research grant calls made under the same Work Programme, but only the first eligible proposal will be evaluated.*
- *A Principal Investigator whose proposal was evaluated as **category A** in the Starting, Consolidator or Advanced Grant calls for proposals under Work Programme 2015 may submit a proposal to the Starting, Consolidator or Advanced Grant calls for proposals made under Work Programme 2016.*
- *A Principal Investigator whose proposal was evaluated as **category B** at step 2 in the Starting, Consolidator or Advanced Grant calls for proposals under Work Programme 2015 may submit a proposal to the Starting, Consolidator or Advanced Grant calls for proposals made under Work Programme 2016.*
- *A Principal Investigator whose proposal was evaluated as **category B** at step 1 in the Starting, Consolidator or Advanced Grant calls for proposals under Work Programme 2015 may not submit a proposal to the Starting, Consolidator or Advanced Grant calls for proposals made under Work Programme 2016.*
- *A Principal Investigator whose proposal was evaluated as **category C** in the Starting, Consolidator or Advanced Grant calls for proposals under Work Programmes 2014 or 2015 may not submit a proposal to the Starting, Consolidator or Advanced Grant calls for proposals made under Work Programme 2016.*
- *A Principal Investigator whose proposal was rejected on the grounds of a breach of research integrity in the calls for proposals under Work Programmes 2014 or 2015 may not submit a proposal to the calls for proposals made under Work Programme 2016.*
- *A researcher may participate as Principal Investigator or Co-Investigator¹² in only one ERC frontier research project at any one time¹³.*

EVALUATION PANELS

Old tid:

382

PANEL MEMBERS ERC ADVANCED GRANT 2016

Submitted by Hilde.Baeskens on Tue, 23/05/2017 - 8:34pm

PANEL CHAIRS ERC ADVANCED GRANT 2017



Submitted by Paolo.BORGHESI on Thu, 18/05/2017 - 3:14pm

ERC PANEL STRUCTURE 2017

Submitted by Hilde.Baeskens on Wed, 29/03/2017 - 4:36pm

PANEL MEMBERS ERC PROOF OF CONCEPT GRANT 2016

Submitted by admin on Wed, 22/02/2017 - 10:08am

PANEL CHAIRS ERC CONSOLIDATOR GRANT 2017

Submitted by admin on Wed, 08/02/2017 - 12:28pm

PANEL MEMBERS ERC CONSOLIDATOR GRANT 2016

Submitted by admin on Wed, 01/02/2017 - 5:02pm

PANEL MEMBERS ERC STARTING GRANT 2016



CORDIS

Community Research and Development Information Service

Unbedingt geförderte Projekte anschauen,
möglichst Anträge zeigen lassen

European Commission > CORDIS > Projects and Results > Molecular Mesoscopies for Organic Nano-Optoelectronics

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MOLMESON

Project ID: 305020

Funded under: [FP7-IDEAS-ERC](#)

kein PI Name?

Molecular Mesoscopies for Organic Nano-Optoelectronics

From 2012-12-01 to 2017-11-30, ongoing project

Project details

Total cost:

EUR 1 480 555,80

EU contribution:

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molmeson



Funding Agency



AND



Example: oil spill* mediterranean



Topic



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General Discussion

Name	Fakultät	Programme
Dr. Alexey Chernikov	Physik	DFG - Emmy Noether Programme
Dr. Tomer Czaczkes	Biologie u VKM	
Dr. Robert Kretschmer	Chemie u Pharmazie	
Prof. Dr. Brigitte Kudielka	PPS	
Dr. Hans-Heiner Gorris	Chemie u Pharmazie	DFG - Heisenberg Programme
Dr. Jascha Repp	Physik	VW - Lichtenberg Professorship
Dr. David Egger	Physik	AvH - Sofja Kovalevskaja Award
Prof. Dr. Veronica Egger	Biologie u VKM	BMBF - Nachwuchsforschergruppe
Dr. Norbert Bodendorfer	Physik	ENB - International Junior Research Group
Dr. Raphael Wimmer	SLK	ZD.B - Nachwuchsforschergruppe
Dr. Padmanath Madanagopalan	Physik	MSCA - Individual Fellowships
Dr. Pieter Troch	IOS (PKGG)	
Prof. Dr. John Lupton	Physik	ERC - Starting Grant <u>and</u> Member of ERC Consolidator Grant Panels

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