



# Research and Funding Opportunities in Germany

## MeteoXchange



AN INITIATIVE OF THE



Federal Ministry  
of Education  
and Research

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Research in  
Germany



Land of Ideas



# Facts and figures



Ca. 1,000 publicly funded research institutions



€110bn = 3.2% GDP



736,000 personnel in the R&D sector



Cooperation with 163 countries



# Pillars of the German research sector

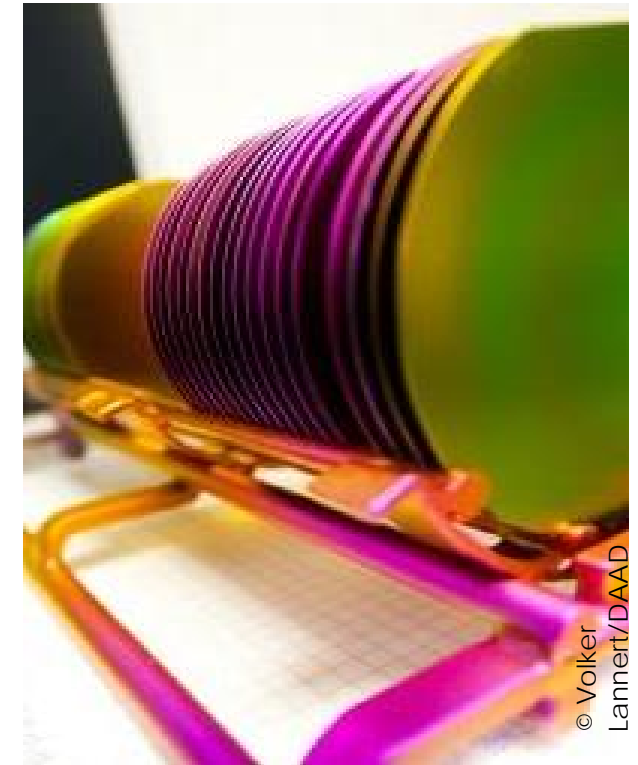
## Universities (HEIs)



## Non-university research institutes



## Industrial research







# Universities

- Approx. 400 HEIs – 156 authorised to confer doctorates
- Over 42,000 international doctoral candidates enrolled
- Principle of uniting learning, instruction and research
- Excellence Strategy = 533 m euros per year for cutting-edge research





# The Big Four

Institution	Institutes	Budget	Staff in total
<b>Max Planck Society</b>	86 institutes	2.6 bn euros	24,000
<b>Helmholtz Association</b>	18 research centres	5 bn euros	43,000
<b>Fraunhofer-Gesellschaft</b>	75 institutes	2.8 bn euros	29,000
<b>Leibniz Association</b>	97 institutes	1.9 bn euros	2.000



# Funding institutions

## Research funding institutions



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service

**DFG**



## Research performing institutions



*Leibniz*  
Leibniz  
Association

**HELMHOLTZ** SPITZENFORSCHUNG FÜR  
GROSSE HERAUSFORDERUNGEN

## Private/public foundations





# Paths to a PhD

## Individual PhD vs. structured PhD

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### Individual

- Individual research under supervision of supervisor
- Optional courses or other forms of teaching / learning
- Mostly informal admission and marginal formalisation

### Structured

- Guidance by a team of supervisors / supervising committee
- Mandatory, fixed supporting curriculum (interdisciplinary)
- Defined application process
- Offered by research training groups / graduate schools



# Funding for PhD students

## Different programmes for different purposes

Duration	Research stay (up to 2 years)	Complete doctorate
Type of funding	Grant / scholarship	Work contract
Type of doctorate	Individual doctoral project	Structured doctoral programme









# Funding for PhD students, Postdocs and Junior Researchers



# Research grants – Doctoral programmes in Germany

-  **In Brief**      Doctoral project (individual or structured programme) at a state-run or state-recognised university or non-university research institute in Germany
-  **Who?**              PhD students
-  **Duration?**        Up to 4 years
-  **Value?**             861–1,200 €/month + additional allowances



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German Academic Exchange Service



# Research grants – One-year and short-term grants

-  **In Brief** Research project at a state-run or state-recognised university or non-university research institute in Germany
-  **Who?** PhD students  
Postdocs / Junior researchers
-  **Duration?** One-year grants: 7–12 months  
Short-term grants: 1–6 months
-  **Value?** 861–1,200 €/month + additional allowances



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# Research Training Groups

- 🌻 **In Brief** Focused research programme as part of a DFG Research Training Group (*Graduiertenkolleg*)
- 🌻 **Who?** PhD students  
Postdocs / Junior researchers
- 🌻 **Duration?** 2–3 years
- 🌻 **Value?** Work contract or scholarship

[www.dfg.de/gk/en](http://www.dfg.de/gk/en)



**DFG**



# Geosciences and environmental sciences



PDF download:

<https://www.research-in-germany.org/downloads>



Research Training Groups	Helmholtz Graduate Schools
International Research Training Groups	Leibniz Graduate Schools
Integrated Research Training Groups in Collaborative Research Centres/Transregios	International Max Planck Research Schools
Clusters of Excellence	Helmholtz Centres
Collaborative Research Centres/Transregios	Leibniz Institutes
	Max Planck Institutes
	Others

DFG-funded Priority Programmes and Research Units are not shown on the map since they are not necessarily located at a single location; they are listed on pages 13 and 15. The map shows the headquarters of the non-university research institutions.



Source: DFG





# Websites and databases

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- [www.higher-education-compass.de](http://www.higher-education-compass.de)
  - Information about **courses** offered by German higher education institutions, from **undergraduate to doctoral**
- [www.funding-guide.de](http://www.funding-guide.de)
  - Information on various kinds of **DAAD funding** for foreign students, graduates and postdocs
- <https://gepris.dfg.de> (german)
  - Information about **DFG funding** opportunities.
- [www.gerit.org](http://www.gerit.org) (german)
  - GERiT gives you an **overview** about over 29.000 **research institutions** in German.



# „Research in Germany“ Website

- [www.research-in-germany.org](http://www.research-in-germany.org)

All Information regarding the German Research Landscape, News and information about research areas, your possibilities and our Services



Research landscape News and research areas Your goal Our service

## Research in Germany

Germany is a top destination for PhD students, postdocs, and senior scientists. The website 'Research in Germany' helps you to find your way to Germany, to seek for PhD positions, research jobs or funding opportunities. It describes the German research landscape and provides you with contacts to institutions and networks. Welcome to Germany - the Land of Ideas!



## Your goal

Bachelor or master

PhD

Postdoc

Advanced research

A research position

## Current developments & news

Find more

Here you will find a selection of the latest R&D news from German universities, non-university research institutes and industrial research facilities.





# Join us at the poster presentation 😊

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and Dirk Kruse

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