

2 DAAD-Scholarships for international doctoral students at the *Graduate School Solvation Science* (Excellence Cluster RESOLV, Ruhr Area)

In cooperation with the *Graduate School Scholarship Programme* (GSSP) of the *German Academic Exchange Service* (DAAD) the *Graduate School Solvation Science* (GSS) within the Excellence Cluster RESOLV (Ruhr Explores Solvation) at **Ruhr-University Bochum, TU Dortmund University** and its partner institutes **University Duisburg-Essen, Fraunhofer UMSICHT, Max-Planck Institute for Coal Research, and Max-Planck Institute for Iron Research** is offering two scholarships for international doctoral candidates who are qualified in the field of *Solvation Science* and are able to explain their motivation. The scholarships will start on October 1st 2019 and are funded by DAAD for up to 4 years.

Graduate School Solvation Science

The [GSS](#) was established in the beginning of 2013 within the Cluster of Excellence RESOLV. The school aims at combining high-profile research and early scientific independence along with internationalization and gender mainstreaming. It offers a three-year structured graduate program that combines cutting-edge research with a curriculum of lectures, colloquia, and workshops, which are all focused on areas of *Solvation Science*. Fundamental elements of the study program are the annual GSS workshops, Summer Schools, and a three-month internship at one of our partner institutions of the *International Faculty* (IF). Currently, the graduate school comprises circa 90 members all working on topics closely related to the interdisciplinary research field *Solvation Science* to understand local solvent fluctuations in heterogeneous systems, solvent control of chemical dynamics and reactivity, and solvation under extreme conditions.

Areas of research (Supervisors)

For more information on our scientists within RESOLV, please read [here](#). Each doctoral candidate works with a main and a second supervisor. A written agreement regarding supervision as well as an individual work- and time schedule will be drawn up.

Requirements

- Non-German citizen
- Degree from a recognized international university (for more details see [here](#), since the website is in German please follow the [instructions](#) to be able to check your qualifications)
- A qualifying degree at the level of Master or Diploma or in case of fast track PhD option at the level of Bachelor (in both cases minimum 1.5/"very good"/grade A) in chemistry, physics, biochemistry, engineering, or a related discipline, depending on the admission requirements of the host institution's PhD program
- Sound knowledge of *Solvation Science*, especially in the chosen research field
- Very good English and/or German language skills (equivalent to level B2, oral and writing)



- At the time of the nomination (estimated March 2019), the last final exam should have taken place during the past six years
- At the time of the nomination (estimated March 2019) the applicant should not have resided in Germany for more than fifteen months (exception for refugees)

Application

Applications should include:

- Curriculum vitae
- Filled [application form](#), including:
 - o Indication of the grade of the qualifying course of studies which must be at least 1.5 (A grade) or better (Master degree or equivalent or in case of fast track PhD option Bachelor degree)
 - o Indication of preferred research field, main supervisor and second supervisor
 - o Letter of motivation defining and explaining the application for the chosen research field/supervisor (strict maximum of 500 words)
 - o 1-page project outline (please get in contact with your preferred main supervisor prior to this application to develop the project outline)
- Copies of translated certificates and transcripts of records of qualification for higher education/university entrance of your home country, all higher education/university exams (diploma/master and bachelor degree) with indication of the final grade and explanation of the grading system
- Proof/Certificates of language proficiency
- Two letters of reference (please use this [template](#))

Please note that only complete applications will be considered. Please use the [application form](#) and send applications via e-mail (one PDF file) to gss@rub.de or via postal mail to

Excellence Cluster RESOLV
Dr. Julia Nowack / ZEMOS Building / 0.99
Universitätsstraße 150
44801 Bochum - Germany

Shortlisted applicants will be contacted for a phone or online interview in early December 2018.

Application Deadlines

- Application at GSS until November 15th 2018 followed by preselection, online/phone interviews and pre-nomination by the GSS
- In case of positive reply: Application at DAAD until January 1st 2019 followed by final nomination of scholars by the DAAD (estimated March 2019)

Information

For more information please visit our [website](#) or contact Dr. Julia Nowack (coordinator of the *Graduate School Solvation Science*) at gss@rub.de.