



**Scholarship Program
of the German State of North Rhine-Westphalia
for students from the Palestinian Territories**

Call 2017

**Scholarship places
at institutions of higher education
in North Rhine-Westphalia**

*Please choose the scholarship place(s) you seek to apply for;
fill in the online registration form and submit it also via online.
Please consider the time frames offered by the host universities.*

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Bielefeld University

Bielefeld - the "university of short ways" and of "interdisciplinary intertwinement"! Whereas elsewhere the departments and institutes are spread all over the city, Bielefeld University is a campus university. Thanks to this compactness, the disciplines are very close to one another and lots of opportunities for interdisciplinary encounter arise. There is even a special-purpose Center for Interdisciplinary Research, the "ZiF."

The I2SoS is an interdisciplinary Institute that is devoted to reflecting on science: scientific method, social epistemology, the impact of science on society, social influences on sciences, economic incentives and their effects on science, science and technology, science and economic development, ethics of science, medical ethics, history of science. The overall focus is on the relation between science and society.

Visiting students can take part in all classes in philosophy, history, and economics unless access is restricted (restrictions may apply to economics classes). Accordingly, visiting students are not confined to science-related studies. However, the odds of acceptance are better for students with interests in such studies. The master's program "History, Economics and Philosophy of Science" offers English-language classes (<http://www.uni-bielefeld.de/i2sos/heps/international/index.html>).

Bielefeld University offers the opportunity of taking a German language course at "PunktUm".

www.uni-bielefeld.de

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1

Institute	Contact at the institute	Number of places	Discipline or subject area	Bursars' degree program (B = Bachelor; M = Master; P= PhD)
Institute for Interdisciplinary Studies of Science	Prof. Dr. Martin Carrier	1	Philosophy of Science, History of Science, Economics of Scientific Knowledge, Medical Ethics	M, P
Time frame:	June – December (preferred: September to December)			
Institute's focal research areas	<ul style="list-style-type: none"> • Philosophy of Science, History of Science, Economics of Scientific Knowledge, Medical Ethics 			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Bursars' degree program (B = Bachelor; M = Master; P= PhD)
Faculty of Physics	Prof. Dr. Armin Golzhaeuser	1	Physics, Chemistry	M, B
Time frame:	May – December 2017			
Institute's focal research areas	<ul style="list-style-type: none"> • Supramolecular Physics • Chemical Nanolithography • Carbon Nanomembranes 			

Bielefeld University of Applied Sciences

Five Faculties: Design, Architecture and Civil Engineering and Technology, Engineering and Mathematics, Social Sciences, Business and Health.

Courses are mainly in German (language of instruction)

About 10,000 students (winter semester 2016/17) enrolled, including 260 international students

About 9,800 students (winter semester 2015/16) enrolled, including 240 international students.

German language courses for guest students are organized either within the faculty itself or in cooperation with a further education college or private language institute.

<http://www.fh-bielefeld.de/>

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1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Business and Health, Department of Business	Prof. Dr. Uwe Roessler	1	Business Administration, Business Information Systems, Business Law, Business Psychology, International Studies in Management	B, M Teaching language: German/English (depends on the course) Working language: German and English Personal consultation by professors and teachers in English Papers can be written in English
Time frame:	11. September – 22. December 2017			
Institute's focal research areas	<p>The Faculty of Business and Health, Department of Business, focuses on General Business Administration, Information Systems, Law, Psychology, and International Studies in Management. There is no specialization in one specific research field.</p> <p>The scholar should participate in our course programme and it is possible that he/she can work at a special subject in cooperation with one of our professors.</p> <p>In the Department of Nursing and Health there would also be the possibility to work in the field of healthcare, nursing (practice), professional consulting and teaching in the instruction of health care professions as well as management of pedagogic institutions in the health care sector.</p>			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Architecture and Civil Engineering	Prof. Dr.-Ing. Johannes Weinig	1	Civil engineering or architecture	B, M (classes only in German language)
Time frame:	09. October - 22. December 2017			
Institute's focal research areas	<ul style="list-style-type: none">- Surveying methods and skills- Construction of plain light buildings (e.g. sports halls or stadiums)- Water engineering and water management- Micro- and ultra-filtration methods- Construction, Energy, Environment:- water engineering including water preparation,- energetic building restoration with alternative energy concepts			

3

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Department of Engineering and Mathematics	Prof. Dr. Lothar Budde	1	Engineering and Mathematics	B Classes in German language
Time frame:	11. September – 22. December 2017			
Institute's focal research areas	<ul style="list-style-type: none"> - Applied Mathematics - Instrument-based Biotechnology; Bachelor of Science - Electrical Engineering; Bachelor of Engineering - Computer Engineering ; Bachelor of Engineering - Mechanical Engineering; Bachelor of Engineering - Mechatronics; Bachelor of Science - Renewable Energies; Bachelor of Engineering - Business Engineering; Bachelor of Science 			

4

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Social Science	Prof. Dr. Michael Stricker	1	Social Science Childhood education	B Classes in German language Personal consultation by professors and teachers in English possible.
Time frame:	18. September – 22. December 2017			
Institute's focal research areas	<ul style="list-style-type: none"> - Social Science (Global Social Work, Culture Media, Methods of empirical social research) - Childhood education 			

Ruhr-University Bochum

Ruhr University Bochum (RUB), about 41,000 students, 4,500 foreign students; modern and innovative university with a wide range of study courses and excellent research institutions, located in one of the most culturally interesting regions in the heart of Europe.

University homepage: www.rub.de

International Office: www.international.rub.de

German language courses start in April (summer term) and in October (winter term) and are free of charge for all RUB students.

RUB homepage: <http://www.daf.ruhr-uni-bochum.de>

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1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Philosophy of Language and Cognition or Mercator Research Group Structure of Memory	Prof. Dr. Markus Werning	1	Philosophy Linguistics Cognitive Science	B, M, P
Time frame:	From May to December (except August) 2017			
Institute's focal research areas	<ul style="list-style-type: none">- Philosophy of Language and Mind, Epistemology- Philosophy of Neuroscience and Psychology- Semantics and Pragmatics- EEG, Computational Modelling			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Chair for Tunnelling and Construction Management	Ivan Popovic, M.Sc.	1	Civil Engineering; Environmental Engineering; Geosciences	M, P
Time frame:	October - December (02.10. – 22.12.2017)			
Institute's focal research areas	Soil conditioning for EPB and slurry shields, process simulation, cost-risk analysis, shotcrete laboratory experiments, tunnel safety			

3

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Clinical Neuropsychology	Prof. Dr. Boris Suchan	1	Neuropsychology, Cognitive Neuroscience	B, M, P
Time frame:	May - July 2017 or October – December 2017			
Institute's focal research areas	<p>We have many research topics. We are interested in the processing of faces and bodies in the human brain. We are also interested in the involvement of the medial temporal lobe in the formation of long term memory and also in perception.</p> <p>As techniques, we are using EEG and fMRI. Please take a look at our homepage to get an impression of our research topics (http://www.ruhr-uni-bochum.de/neuropsych/).</p>			

4

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Chair of public law, esp. administrative law at the Faculty of Law	Prof. Dr. Jörg Ennuschat	1	Law or any other subject related to the possible topics and fields of work for scholarship students (see below).	P
Time frame:	02. October – 23. December 2017			
Institute's focal research areas	Possible topics and fields of work are: (1) Prevention and prosecution of money laundering (2) Social inclusion in schools			

5

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Institut for Philosophy and Theology	PD Dr. Ludger Jansen	1	We welcome research students from any relevant subject: Philosophy OR Theology (any denomination)OR Computer Science OR Medical	M or P
Time frame:	15. April – 15. July 2017 Or 15. October – 15. December 2017			
Institute's focal research areas	Metaphysics & Philosophy of Science; Biomedical Ontology, Social Ontology, Applied ontology Possible topics: - the ontology of artificial organisms - evolution and creation - the formal-ontological descriptions of religion - faith and reason.			

6

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Institute for Geology, Mineralogy and Geophysik	Prof. Dr. Stefan Wohnlich	1	Hydrogeology	M, P
Time frame:	02. May – 31. July 2017 or 01. September – 30. November 2017			
Institute's focal research areas	<p>To enhance our understanding of flow, chemical reactions and transport in groundwater, we teach, develop and perform numerical, field and laboratory studies. The latter aim at investigating methods, which allow for better monitoring and prediction of processes in groundwater. Our research contributes to the ongoing challenge of managing sustainable use of groundwater and aquifers.</p> <p>Research topics that could be addressed:</p> <ul style="list-style-type: none"> • Hydrogeological laboratory investigations for for the investigation of flow and transport in the unsaturated zone • Groundwater modelling. • Water balance in aride and semi aride regions • Tracer techniques in water ressources investigations (laboratory and field) 			

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Developmental Neuropsychology, Department of Psychology	Prof. Dr. Sarah Weigelt	1	Psychology, Developmental Cognitive Neuroscience	M, P
Time frame:	01. May – 15. July 2017			
Institute's focal research areas	<p>Although huge advancements have been and still are made day-to-day in our understanding of the adult human brain, we know surprisingly little about the brains of children. Healthy brain development, however, is essential for human life: Disturbances of brain development during infancy and childhood will have a life-long impact on the affected person. Our main research interest focuses on typical and atypical brain development in children, adolescents and adults. Together with my team I aim at advancing our understanding of human brain development focusing on one of the best-studied neuronal subsystems: the visual system. Not only is our lack of knowledge about human visual brain development particularly obvious with most of the few studies demonstrating evidence for extended visual brain development, recent behavioral research also shows that vision continues to develop throughout childhood, adolescence and even adulthood on all levels. The main research question we are thus following as developmental neuropsychologists or developmental cognitive neuroscientists is: How do children see the world and how does the human visual brain develop? Using a multi-method approach combining behavioral as well as neuroimaging techniques our lab not only addresses typical brain development, but has a second strong focus on atypical development, in particular on autism. People with autism see the world differently, and we believe that understanding their perception will lead us to an overall deeper insight into human nature.</p> <p>Key words: Developmental Neuropsychology, Developmental Cognitive Neuroscience, Vision, Neuroimaging, Brain development.</p>			

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Dept. Animal Physiology	Dr. B. Novak	1	Biology, Biochemistry	M, P
Time frame:	From 02. May 2017 (for 3 months)			
Institute's focal research areas	cancer cell culture, in vitro pharmacological assays, photobiology/phototoxicity, skin biology, histology, immunohistochemistry, gene expression, cancer stem cells			

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Faculty of Mathematics, Institute for Stochastic	Prof. Dr. Christoph Thäle	1	Mathematics	M, P
Time frame:	Between June 1 and November 30, 2017			
Institute's focal research areas	<p>The interests of the chair of stochastics are located at the interfaces of probability theory with other branches of mathematics. We are particularly interested in proving limit theorems for random structures arising in geometry, combinatorics or topology by combining Stein's method with techniques originating from stochastic analysis. Distinguished examples include limit theorems for random polytopes, random graphs, random surfaces or random simplicial complexes.</p> <p>A candidate may participate in the working groups and the activities of the chair and initiate or participate in already existing collaborations on the topics mentioned above. She or he can also profit from the educational program of the local Research Training Group on "High-dimensional Phenomena in Probability".</p>			

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M= Master; P= PhD)
Institute for Philosophy II	Prof. Dr. Albert Newen Prof. Dr. James Wilberding	1	Theoretical Philosophy: Mind, Logic, Language, Epistemology, Ancient Philosophy	M (Courses are in English or German)
Time frame:	April – December 2017			
Institute's focal research areas	<p>The American Studies Program at Ruhr-University Bochum is involved in various research areas:</p> <ol style="list-style-type: none"> 1. Transnational American Literature and Culture (the study of transnational cultural exchange between the United States and other cultures; immigration, diaspora, globalization in U.S. literature) 2. The American City (the study of the American city as a cultural text; the study of urban narratives and the representation of the American city) 3. U.S. Regionalism (the study of the American South and its representation, in literature and other media) 4. 19th Century American Literature 5. American Poetry 			

Bonn-Rhein-Sieg University of Applied Sciences

The Bonn-Rhein-Sieg University of Applied Sciences (UBRS) was established in 1995 as a national university funded by the government. Traditionally, UBRS attracts applicants from the within its region, but the University has formal and informal cooperation agreements with more than 30 universities throughout the world.

UBRS specializes in business administration, natural sciences, computer science, social security management, technical journalism and engineering. The focus areas for UBRS are applied research and development, technology transfer using international and interdisciplinary approaches. There is an emphasis on internships and practical applications in industry and research and joint research projects with numerous companies and institutions.

As English or another foreign language is a required subject for all students, the university has established a central Language Centre which designs, coordinates and carries out foreign language instruction on all three campuses. These specific-purpose courses are taught predominantly by native speakers, and state-of-the-art IC technologies are often implemented, primarily through the use of new language labs and self-access centres in both Rheinbach and Sankt Augustin. Especially for foreign students, “German as a foreign language” is offered including the TestDaf Exam.

The campuses in Sankt Augustin, Rheinbach and Hennef are well-equipped with modern laboratories, and technical equipment. UBRS has approximately 120 Professors of which many receive research grants. There are about 120 support staff including technical and administrative employees. UBRS currently has around 5500 students and the Department of Natural Sciences recruits about 200 undergraduate in Bachelor programs and about 30 students in a Master program each year in two study courses: Applied Biology (as an international study course) and Chemistry with Material Sciences (as a German study course).

www.h-bonn-rhein-sieg.de

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E-Mail: welcome.centre@h-brs.de

1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Department of Natural Sciences	Prof. Dr. Edda Tobiasch	1	Biology	M, P
Time frame:	Any time period between 01 July and November, 2017, but it must be at least 10 weeks.			
Institute's focal research areas	<p>The work deals with human stem cell differentiation and their signalling pathways.</p> <p>Overview:</p> <p>Recent progress in our understanding of stem cell differentiation and cell transplantation has opened new therapeutic avenues in the treatment of human diseases involving chronic or acute tissue-specific cell loss. Consequently, experimental cell replacement strategies have been attempted involving adult stem cells with the aim of developing therapies.</p> <p>Human mesenchymal stem cells which are isolated from adipose tissue have the advantage of potential autologous transplantation ability. There is strong evidence that they can be differentiated in various lineages such as the chondrogenic, osteogenic, adipogenic and myogenic direction. Inductions of the cells into multiple lineages as well as their use in the undifferentiated state already resulted phase I to III clinical studies for various diseases all over the world.</p> <p>We aim at investigating fat-derived MSC, as potential donor cells, for their ability to differentiate in the osteogenic lineage for future treatment of critical size bone defects and in the adipogenic direction to develop an in vitro model for the onset of atherosclerosis.</p> <p>In another project ecto-mesenchymal stem cells derived from dental follicles of wisdom teeth are used to find strategies improving dental implant stability.</p> <p>We also differentiate the stem cell towards endothelial and smooth muscle cell for a better understanding of angiogenesis.</p> <p>Other studies involve purinergic receptors and Hox genes for the characterization of stem cells derived from various human body parts during differentiation to find the best suitable cells and tissues for each differentiation lineage.</p>			

More information on the subjects can be found on the homepage:

<https://www.h-brs.de/en/prof-dr-edda-tobiasch-0>

The work encompasses the following topics for potential scholarship holder:

- Differentiation and characterization of adult, human mesenchymal stem cells
- Determination of the role of the differentiating adipocyte in an in vitro model of stenosis
- Investigation of purinergic receptors and Hox signalling and their role in human stem cell differentiation
- Biocompatibility testing of nano-structured polymers as scaffolds for 3D tissue engineering
- Stem cell interaction with natural and artificial scaffolds

The group is composed of the lab leader, a scientist, three PhD students, and several Master- and Bachelor students working on their theses. One of the PhD students will take care for the guest student.

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Department of Natural Sciences	Prof. Dr. Margit Schulze	1	Chemistry, Material Science	B, M, P
Time frame:	June, July or August to 15th of October, 2017, must be at least 8 weeks			
Institute's focal research areas	<p>The work deals with:</p> <ul style="list-style-type: none"> a) development of polymer scaffolds for stem cell differentiation and proliferation b) development of polymers used in regenerative medicine (tissue engineering and drug release) c) development of polymeric materials from renewable resources (biomass) <p>The work encompasses the following topics for potential scholarship holder:</p> <ul style="list-style-type: none"> • Synthesis of appropriate polymers (e.g. biopolymers such as microspheres and hydrogels) • Characterization of polymer structure • Surface modification / functionalization • Bioactivation of the scaffolds (e.g. ligand coupling) • Biocompatibility testing. 			

Folkwang University of the Arts

The Folkwang University of the Arts has been home to the most varied arts and art disciplines since 1927. The founders were Kurt Jooss, Rudolf Schulz-Dornburg, Hein Heckroth and other significant figures. Today, this institution is a centre for artistic training in music, theatre, dance, design and academic studies. Its unique concept has made Folkwang a cultural brand name - both nationally and internationally.

The name 'Folkwang' has become synonymous with a one-of-a-kind concept for artistic learning and communication. Over 100 years ago, Karl Ernst Osthaus had a vision: he wished to form a democratic backdrop and foundation for the interdisciplinary cooperation of all the branches of art. The Folkwang idea of combining various disciplines is a unique concept in terms of understanding and teaching art: The various disciplines interact with each other - in terms of learning as well as practical application.

For over 80 years, Folkwang has been following societal realities, and has thus helped the arts become a living, breathing factor of society by setting innovative as well as creative accents. Folkwang prides itself in training and mentoring personalities that are characterised by their excellent artistic competence, a broad horizon of knowledge and a vast degree of individuality, creativity and societal responsibility.

Studying at Folkwang means studying at very special locations: in historical buildings as well as award-winning structures in the heart of the Ruhr Metropolis. Five locations in Essen-Werden, Essen-World Heritage Site Zollverein, Duisburg, Bochum and Orchesterzentrum|NRW in Dortmund provide the Folkwang University of the Arts with solid roots in one of the largest socio-economic centres of Europe.

Folkwang offers around 40 courses of study and study programmes. Most of these courses and programmes lead to internationally recognised diplomas, i.e. Bachelor, Master and the Artist Diploma. The university also offers a variety of Doctoral studies; postdoctoral qualifications and other higher degree study programmes are also available.

The over 1400 students at the Folkwang University of the Arts come from almost every country around the world. Their studies are supported by around 380 international teachers. In addition to an excellent teaching programme, Folkwang teachers focus on the central idea on which the Folkwang University of the Arts is based:

Close cooperation between the individual disciplines, spanning all areas, the diversity of all university members and active interchange between them.

www.folkwang-uni.de

Every semester Folkwang's Institute for Lifelong Learning offers German courses on different levels (A1-C2) to our students. These courses would be available for free for the scholarship holders as well. It is only necessary to sign up via email.

The classes take place twice a week during the semester (lecture period). Right before the winter semester we are also offering intensive courses on different levels that begin in the last week of August and last five weeks.

Further information can be found on our website:

<http://www.folkwang-uni.de/en/home/hochschule/organisation/institute-for-lifelong-learning-ifll/optional-studies-key-competences/german-as-a-foreign-language-daf/>

1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Performance Arts	Prof. Esther Hausmann	1	Acting	B
Time frame:	12 weeks in the period from September to December 2017			
Institute's focal research areas	<p>The Folkwang University of the Arts offers the Artist Diploma course "Acting" which contains classes in the fields of acting, movement and voice.</p> <p>We would like to give the opportunity to a student from the Drama Academy in Ramallah to participate in these classes and by this extend their education which is limited to the field of acting in Ramallah. When the students come to our university during the winter semester we will integrate them in the acting classes to the topics such as e. g. different ways to come to a theatrical figure, scene work using realistic texts, creating authenticity in acting, character development based on a text template, partner interaction, work in space, improvisation, observation, training in self-awareness and simultaneous perception of the outside world, vocal technique, body awareness, basic knowledge in the areas of body, breath, speech and text work, etc.</p> <p>We consider this to be an important and unique contribution to the education of the Palestinian acting students which could be enriched by a stay at our university - especially the exchange with other students and the interdisciplinary experience.</p>			

TU Dortmund University

The TU Dortmund University was established in 1968 and comprises 16 Faculties, Collaborative Research Centres, Graduate Schools & Graduate Colleges, and a number of affiliated institutes as well as other associated and science institutes like Fraunhofer Institutes and the Max Planck Institute for Molecular Physiology (MPI). The number of students in the fall term WS15 /16 amounted to slightly more than 33.500. The staff consists of 350 professors, 1.900 academics and about 1.300 non-academic staff.

The TU Dortmund University supports interdisciplinary cooperation between its fields of study. To combine and analyze the strengths and activities a program of thematic "research bands" has been developed. The "bands" allow cross-referencing beyond the bounds of single departments, faculties and disciplines.

The TU Dortmund University has set itself an ambitious goal: research, teaching and courses of study are to be given an even more consistently international orientation over the coming years. In addition to its integration within the region, with all its structural changes, the university is deliberately focusing on a second aspect: Within the scope of a comprehensive network of international university partnerships and research co-operations, the TU Dortmund University will strengthen its position among the global players in the field of science.

The university already offers extensive support measures for foreign students. With the regular orientation program "Come2Campus", the Office for International Relations helps international "freshmen" to cope with the new living and learning conditions. Together with the city of Dortmund, the university strives to improve the services provided for foreign students.

A further way of improving the general conditions for successful completion of courses of study for international students is to increase the number of lectures held in English.

Building the network connecting the TU Dortmund University with partner institutions in Europe and all over the world has been a priority for decades. A huge number of co-operations among students, academics, institutes and departments, as well as world-wide university partnerships, opens up global thinking for the region and makes the university's achievements and competence available to the scientific community worldwide.

Please notice: there are no language courses available this year.

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1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Educational Science, Sociology and Psychology at the Institute of Social Pedagogy, Adult Education and Pedagogy of Early Childhood Education	Prof. Dr. Gaby Flösser, Dr. Carsten Schröder,	1	Social Work (or Educational Science with main focus on Social Work) * Competences in the English language are required. Desirable are competences in the German language.	M Master of Arts in Social Work (or Educational Science with main focus on Social Work)
Time frame:	01. September – 30. November 2017			
Institute's focal research areas	<p>Research issues of the professorship:</p> <p>The professorship of Dr. Gaby Flösser is dealing with question about the politics of social work in context of the child and youth welfare system. Issues are political and democratic perspectives in professional action with focus on institutions like kindergarten, child residential care, youth work etc. Further issues are the politics of child and youth welfare system, theory of professional action, organizational dimensions of participation and education.</p> <p>Possible topics for the scholarship holder:</p> <ol style="list-style-type: none"> 1. Comparing the child and youth welfare system of Palestine and Germany – on a local level (for example Dura – Dortmund). 2. Analysis of the political dimensions and conditions of Social Work in Palestine and Germany (commonalities and differences). 3. One week Hospitation in an institution of the child and youth welfare. 			

Dortmund University of Applied Sciences and Arts

Fachhochschule Dortmund - University of Applied Sciences and Arts was officially founded in 1971. Dortmund University of Applied Sciences and Arts is an academic institution with 13500 students and more than 200 professors. It is the largest University of Applied Sciences in the Ruhr District. Studies contents focus on solving practical problems and performing tasks encountered in daily applications, with experienced professors ensuring a sound relationship between theory and practice. At present more than 13600 students are registered with the University of Applied Sciences and Arts of Dortmund. In all courses of studies the internationally recognized Bachelor and Master degrees are awarded.

Faculties at the Fachhochschule Dortmund –University of Applied Sciences and Arts are:

- Architecture • Design • Information Technology and Electrical Engineering
- Computer Science • Mechanical Engineering • Social Sciences • Business

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Under certain conditions there may be a possibility to attend German courses offered by the Career Service of the FH Dortmund in cooperation with the Auslandsgesellschaft Intercultural Academy gGmbH (Dortmund) (B1 level) or to book one at the VHS Dortmund.

1

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Design	Prof. Lars Harmsen	1	Communication Design, Design and related	B, M
Time frame:	02.05.2017 - 28.07.2017 or 02.10.2017 – 31.12.2017			
Institute's focal research areas	Book-Magazine- & Editorial Design, Typography, Interactive Design, Communication Design			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Computer Science	Prof. Dr. Christian Reimann	1	Computer Science and related	B, M
Time frame:	May to December 2017			

<p>Institute's focal research areas</p>	<p>The hosted students may join the research groups within running projects or be part of a group of researchers within an international English-language Master's study programme. The research fields offered can be matched to the interests of the hosted students. Joining research teams would be a valuable learning experience for students from the Palestinian Territories, especially given the added value they can offer in the fields of resource efficiency, energy management and sustainability upon returning to their countries. The list of research groups is mentioned below, followed by the study programmes:</p> <p>1) PIMES - Process Improvement for Mechatronic and Embedded Systems is a research group set up as a joint and interdisciplinary initiative of the Faculty of Information Technology and Electrical Engineering and the Faculty of Computer Science of the Dortmund University of Applied Sciences and Arts. It is set up to improve the development process for embedded and mechatronic systems. PIMES adapts new scientific methods and tools to specific application scenarios.</p> <p>Running projects under PIMES include</p> <ul style="list-style-type: none"> ● QuartiersNetz: a BMBF-funded project in the area of health and demographic change ● ZIM - Central Innovation Programme SME: 3 BMWi-funded projects in the area of Resource Efficiency and Sustainable Energy ● AMALTHEA4public: ITEA 2 project in the area of mobility and infrastructure. <p>2) iBIS – intelligent Business Information Services is a research group set up as a joint and interdisciplinary initiative, involving 8 professors of the the Faculty of Information Technology and Electrical Engineering, the Faculty of Computer Science and the Faculty of Business Studies of the Dortmund University of Applied Sciences and Arts. It is concerned with further development of architectures and processes related to the needs of intelligent (Business) Information Management.</p> <p>Within iBIS, the Faculty of Computer Science is implementing several projects in the area of Smart Energy such as the BMWi-funded project IO.Netz, Guided Autonomic Building project, INES project, e-energy@home project, etc. These projects are implemented along with partners such as RWE, Siemens, DEW21.</p>
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	<p>The hosted students also have the opportunity to work in international research teams of students enrolled in our two international English-taught Master programmes:</p> <p>1) Master Embedded Systems for Mechatronics (ESM)</p> <p>The Master Programme Embedded Systems for Mechatronics is delivering the knowledge and competencies to work in today's interdisciplinary engineering teams, e.g. in automotive, industrial automation, ICT, medical technology and other industries and to develop intelligent technical systems.</p> <p>The Master programme is designed to fit into the most recent engineering processes for mechatronic product development. The engineers learn about software and hardware development for embedded systems. Competencies in distributed systems, signal and control theory and system architectures complement the profile. A major focus is put on the understanding of the complete design flow starting with the requirements engineering via modeling, verification and validation down to implementation in hardware and software. Respective case studies and projects support the characteristic applied sciences profile of the programme. Modules on mechatronic systems engineering, technical project management and specific methods and tools for cross domain engineering enable future engineers to work successfully in interdisciplinary projects.</p> <p>2) European Master in Project Management (EuroMPM)</p> <p>Today Project Management plays a fundamental role in nowadays business environment. Paying exclusive attention to the project management can quickly become an extremely important issue for many organizations in order to achieve strategic goals and to meet economic environment challenges. The development of competences in international project management is the core focus of the EuroMPM, with possible specialization in aspects of business project management or IT project management.</p> <p>The European Master in Project Management (EuroMPM) is implemented at the University of Applied Sciences and Arts in Dortmund and embedded in the consortium of European universities with the University of the Basque Country in Bilbao (Spain), the NTNU in Trondheim (Norway), the Kiev National University of Construction and Architecture in Kiev (Ukraine) and the Kauno Technologijos Universitetas in Kaunas (Lithuania).</p> <p>The curriculum is based upon international standards that are important for project management (IPMA, PMI, OGC, ISO, etc.) and is completely taught in English.</p>
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3

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Faculty of Computer Science	Prof. Dr. Carsten Wolff	1	Mechatronics, Embedded Systems, Computer Engineering (and related)	B, M
Time frame:	May to December 2017			

Institute's focal research areas

The hosted students may join the research groups within running projects or be part of a group of researchers within an international English-language Master's study programme. The research fields offered can be matched to the interests of the hosted students.

Joining research teams would be a valuable learning experience for students from the Palestinian Territories, especially given the added value they can offer in the fields of resource efficiency, energy management and sustainability upon returning to their countries.

The list of research groups is mentioned below, followed by the study programmes:

1) PIMES - Process Improvement for Mechatronic and Embedded Systems is a research group set up as a joint and interdisciplinary initiative of the Faculty of Information Technology and Electrical Engineering and the Faculty of Computer Science of the Dortmund University of Applied Sciences and Arts. It is set up to improve the development process for embedded and mechatronic systems. PIMES adapts new scientific methods and tools to specific application scenarios.

Running projects under PIMES include

QuartiersNetz: a BMBF-funded project in the area of health and demographic change

ZIM - Central Innovation Programme SME: 3 BMWi-funded projects in the area of Resource Efficiency and Sustainable Energy

AMALTHEA4public: ITEA 2 project in the area of mobility and infrastructure.

2) iBIS – intelligent Business Information Services is a research group set up as a joint and interdisciplinary initiative, involving 8 professors of the the Faculty of Information Technology and Electrical Engineering, the Faculty of Computer Science and the Faculty of Business Studies of the Dortmund University of Applied Sciences and Arts. It is concerned with further development of architectures and processes related to the needs of intelligent (Business) Information Management.

Within iBIS, the Faculty of Computer Science is implementing several projects in the area of Smart Energy such as the BMWi-funded project IO.Netz, Guided Autonomic Building project, INES project, e-energy@home project, etc. These projects are implemented along with partners such as RWE, Siemens, DEW21.

The hosted students also have the opportunity to work in international research teams of students enrolled in our two international English-taught Master programmes:

Heinrich-Heine-University Duesseldorf

Even though the French emperor Napoleon I planned to found a university in Duesseldorf in 1811, with the Rhine area being thought of as an intellectual buffer zone between France and Prussia, Duesseldorf had to wait one more century. In 1907 the Duesseldorf Academy for Applied Medicine was founded and opened together with the newly-built Municipal Hospital, which was at that time the most modern clinical complex in the German Empire. Since the Academy had no university constitution, it was only allowed to instruct medical trainees, not students. The academy itself and part of the population launched several initiatives to change the status of the institution. In 1923 they finally succeeded when a university constitution including the right to train students was given to the Medical Academy of Duesseldorf. The study of dental medicine was subsequently incorporated, and by 1935 even doctoral degrees could be awarded in Duesseldorf.

After World War II the federal state of North Rhine-Westphalia and the City of Duesseldorf signed a contract which stated that the federal state would take over the Medical Academy, while the hospitals remained municipally owned. The Medical Academy became the University of Duesseldorf in November 1965, and in January 1966 it became a university with a medical faculty and a combined faculty of arts and natural sciences. In December 1988 the university senate decided to change the institution's name to Heinrich-Heine University Duesseldorf, in commemoration of one of the city's most renowned sons whose critical and inquisitive, poetic mind reached out across national borders and fought against small-mindedness.

Today the university forms the backbone of Duesseldorf's academic reputation. Faced with nation-wide cuts in university spending, the University of Duesseldorf has continued to thrive. Despite its recent foundation it has gained the reputation usually associated only with universities rich in age and tradition. The university's continuous development has made it home to a distinguished range of subjects, including medical science, natural sciences, economics, law, and the humanities. The degree requirements allow for numerous combinations of subjects, and study programs can be tailored to fit individual needs. Some subjects, such as Literary Translation, Yiddish Culture, Language and Literature, and Media Science, are unique features of our curriculum. Further specialties in the Faculty of Arts include Modern Japan Studies, and German as a Foreign Language which address the needs of the international business community. The Faculty of Economics focuses particularly on International Management. European and International Law enjoy an elevated position at the Faculty of Law, which is also a renowned center of commercial law. Duesseldorf has also become a hub of Biotechnology. The focal points of research within the Faculty of Mathematics and Natural Sciences are Genetics and Molecular Biology.

The Faculty of Medicine has gained a reputation for its research in Cardiology; Cell and Gene Therapy form the backbone of clinical research. The Center of Biomedical Research (BMFZ) stands out as a center of excellence. Several institutions devoted to special fields are attached to the university, for example the Institute of Diabetic Research, and the Medical Institute for Environmental Hygiene. The Institute for International Communication is also located on campus.

Ample proof of the confidence that sponsors place in the research conducted at HHUD can be seen in the number of collaborative research centers and research training programs. The University of Duesseldorf ranks 18th among the top 45 universities (113 in total), which together receive 90% of all project funds granted in Germany.

The university's international profile is the result of the active exchange programs it maintains with partner universities in regions as diverse as California and Peking, Reading and Naples. In any given year, about 3000 foreign students come from more than 110 nations, and over 120 guest academics conduct their research here. The total number of students amounts to approximately 25000. The number of faculty exceeds 1500.

Last but not least, the university has the advantage of occupying a pleasant site. After long hours of study it is tempting to take a stroll through the Botanical Garden located right on campus....

www.uni-duesseldorf.de

Language Courses will be provided by the university. At the moment the planning for next year is not yet public. However, every non German speaking student can participate.

Contact:

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International Office
Heinrich-Heine-Universitaet Duesseldorf
International Office (Building 21.02)

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Phone: +49-(0)211/81-15730
E-mail: nrw-scholarship@uni-duesseldorf.de

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Institute for Yiddish Studies	Prof. Dr. Marion Aptroot	1	Yiddish (including interdisciplinary studies)	B, M, P
Time frame:	April – July or September - December 2017			
Institute's focal research areas	Yiddish: Yiddish Language, Yiddish Literature and Culture, Yiddish Linguistics			

University of Duisburg-Essen

Creative inspiration between the Rhine and Ruhr: the University of Duisburg-Essen (UDE) is located in the European region with the highest density of institutions of higher learning. Created in 2003 by the merger of the universities of Duisburg and Essen, the UDE is the youngest university in North Rhine-Westphalia and one of the ten largest universities in Germany. Both campuses are easy to reach and offer some 37,000 students a broad academic spectrum with an international orientation – ranging from the humanities and social sciences to economics and the engineering and natural sciences, including medicine. Students from 130 countries are currently enrolled at the UDE.

In many disciplines the UDE ranks amongst the TOP 10 of German research universities. Over the past three years, research income has risen by 150 %, a development which is also thanks to the five main research areas: Nano sciences, Biomedical Sciences, Urban Systems, Empirical Research in Education, and Change of Contemporary Societies.

www.uni-duisburg-essen.de

For free German classes in preparation for one's studies see:

www.uni-due.de/international/deutschkurse.shtml

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47057 Duisburg
Tel:+49-(0)203-3791062
Email: simone.mueller@uni-due.de

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Chair of Educational Media Knowledge Management, Learning Lab	Dr. Pia Sander	1	Educational Technology, Instructional Design	M, P Major in Educational, Social Science, Psychology
Time frame:	12 weeks within May – December 2017			
Institute's focal research areas	<ul style="list-style-type: none"> - Open Education & Open Educational Resources - Digitalization strategies in education (change management) - Sustainable implementation of digital learning innovations - Social media for informal learning and formal learning settings - Games-based learning and gamification, mobile learning - Learning Analytics and Life Long Learning - Instructional design for problem based approaches in online learning - Usability research in educational context - Collaborative online learning - Learning strategies of voluntaries 			

Research Center Juelich

Research Centre Jülich, member of the Helmholtz Association, is one of the major research institutions in Europe.

Key technologies in the areas of energy and environment, information technology, and brain research – this characterizes Forschungszentrum Jülich's profile.

We believe that the key to solving global challenges, such as energy supply technologies or for information technologies for the future, is understanding materials. We investigate materials in the context of systems and processes on different scales, from the atomic to the global level. In this way, we embed our research in the wider context, taking into consideration not only scientific questions, but also social, economic, and ethical issues.

In cooperation with our partners, we develop and use key technologies, such as high-performance computing, to open the door to new applications. In this process, research questions and technological developments are inextricably linked with each other.

We are involved in developing completely new industries, such as the bioeconomy, on the basis of our fundamental scientific research facilitated by our interdisciplinary and international approach.

More than 5,700 employees, over 200 cooperation partners in Germany and abroad, a unique infrastructure, and unrivalled expertise in physics, materials science, nanotechnology, and information technology – this is the potential that we exploit in working with future key technologies to develop new solutions in the areas of energy and environment, information and brain research.

Forschungszentrum Jülich is proud of the tools it provides for its researchers to do their work: simulation with supercomputers, research with neutrons, imaging techniques for medicine, nanotechnology tools – these modern instruments breakthroughs to new horizons of knowledge. This infrastructure, valued and used by researchers throughout the world, characterizes Jülich the home of key technologies.

The Research Centre is located near the town of Jülich, close to the university cities Aachen, Bonn, Cologne and Düsseldorf. The proximity of Jülich to the Netherlands, Belgium and Luxemburg as well as about 100 international guest scientists per year add to an excellent and inspiring training environment.

Contact:

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Institute of Neuroscience and Medicine, Molecular Organization of the Brain	Prof. Andreas Bauer Dr. Simone Beer	1	Physics, Mathematics, Biomedical Engineering, Computer Science	M, P
Time frame:	01. October – 20. December 2017			
Institute's focal research areas	<p>Positron Emission Tomography (PET) is a non-invasive technique for studying in vivo tracer pharmacokinetics and metabolism. High resolution animal PET is used e.g. for receptor studies in brain research, where the best possible image quality and quantitative accuracy is required. The combination of PET with Computer Tomography (CT) gives additional and complementary information about the anatomy.</p> <p>The focus for the scholarship project is to take part in the development of methodology to provide the best possible image quality and quantitative accuracy for high-resolution PET and combined PET/CT. The work may involve computer modeling and simulation, the development of dedicated imaging strategies, image reconstruction algorithms or statistical analysis.</p> <p>PET is multi-disciplinary, so that the projects offer the opportunity to experience collaborative research and teamwork among various disciplines from chemistry, physics, engineering and mathematics to biology and (pre)clinical research.</p> <p>The hosting group "Molecular Neuroimaging" comprises physicians, biologists, physicists and several technicians. Currently, the working group operates a combined PET, CT and SPECT scanner for small animal imaging as well as laboratory facilities for in vitro techniques (e.g. autoradiography) and extensive analytical processes as parts of PET imaging studies.</p> <p>More information is available at http://www.fz-juelich.de/inm/inm-2/EN/Home/home_node.html</p>			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Institute of Complex Systems, Theoretical Soft Matter and Biophysics	Dr. Thorsten Auth	1	Physics, Chemistry, Biology, Computer Science	B, M, P
Time frame:	2 May to 30 November 2017			
Institute's focal research areas	<p>The student will perform numerical calculations to study interface-mediated interactions between particles: this can either be interactions of particles at liquid-gas interfaces or interactions of particles that are attached to lipid-bilayer membranes. Our main interests are membrane-mediated interactions that are particularly important from a biological point of view. Examples are viral budding, the entry of parasites into a cell, and the interaction of nanoparticles bound to cell membranes.</p> <p>From a technical point of view, both systems are closely related and can be investigated using triangulated surfaces. We will employ the program package „Surface Evolver“, therefore knowledge of a programming language is not required, but can be helpful. However, basic knowledge of Linux, bash scripting, as well as of a plotting program such as gnuplot are necessary prerequisites. The details of the project and the work plan for the student will be adjusted according to the area of study of the applicant.</p>			

3

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Theory of Materials	Prof. Dr. Samir Lounis	1	Physics, Condensed Matter Theory	M or P
Time frame:	September – December 2017			
Institute's focal research areas	Theoretical description of spin dynamics in Nano systems: <ol style="list-style-type: none">1. Introduction to the topic and literature search2. Selection and preparation of the theoretical model3. Implementation, coding and application of the model4. Analysis of the results and writing a research report			

University of Cologne

The University of Cologne was founded in 1388 and is one of the oldest and largest universities in Germany. The six faculties offer students a wide range of subjects as well as a great variety in choice and combination of courses and disciplines. The University of Cologne is popular not only due to the diversity of academic opportunities but also to the unique atmosphere of Cologne itself. Also by tradition, the university is internationally oriented and closely cooperates with institutions worldwide. The internationalization of teaching and research can be seen through joint programs with universities and colleges from abroad, double degree programmes, graduate schools, summer schools, short-time programmes, the binding of the (German and international) alumni. An important aspect of the strong international position of our university is the recruitment of qualified international students. Students who expect and fulfil high standards at the university will find best studying conditions here. In 2012, the University of Cologne was distinguished by the German Excellence Initiative, and now belongs to the small group of elite universities in Germany.

The University of Cologne offers German language courses for international students. They are taught by our German as a Foreign Language Department. Scholarship holders can participate in the pre-semester intensive language courses which take place in March / September or in the semester courses (April to July / October to February respectively). These courses are offered also for beginners' level; in case of successful completion participants can obtain credit points. The number of places is limited. Registration for the courses takes place through the International Office of the University.

www.uni-koeln.de

Contact: Dr. Stefan Bildhauer (Mr.), Director of International Affairs
Daniela Simut (Ms.)
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d.simut@verw.uni-koeln.de

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
History Seminar	Prof. Dr. Werner Eck	1	Classics-Ancient History – Jewish Studies	B, M, P
Time frame:	May to December 2017			
Institute's focal research areas	Ancient History including Greek and Roman Imperial History, History of the region in ancient times, Epigraphy.			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (M = Master, P = PhD)
Institute of Neuropathology	Prof. Martina Deckert	1	Biology, Molecular Biology, Medicine, Veterinary Medicine, Neuroscienc, Neuroimmunology Immunology	M, P
Time frame:	Period of three months in 2017 (January to July, September to December)			
Institute's focal research areas	<p>The major focus of our research is in the field of primary lymphomas of the central nervous system (PCNSL). The pathogenesis of this specific lymphoma entity in the CNS is addressed by genotypic and phenotypic studies of biopsies from patients with PCNSL. Various molecular, genetic, immunologic and morphological techniques are applied. In addition, the pathogenesis of PCNSL is studied in preclinical animal models of human PCNSL in which the functional role of individual pathogenetic factors can be dissected specifically. During the scholarship, candidates will get an overview on the clinical and diagnostic issues of PCNSL and can learn how to perform scientific analyses in a clinically relevant disease to contribute to a better understanding of the pathogenesis of PCNSL which might also be of future therapeutic relevance.</p> <p>In particular, scholars will be introduced into morphological and molecular techniques applied in our laboratory (immunohistochemistry, PCR, RT-PCR, cloning, sequencing).</p>			

3

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Department of Criminal Law and Criminal Procedure Law	Prof. Dr. Martin Wassmer	1	Criminal Law; Criminal Procedure Law	B, M
Time frame:	May - December 2017 (from 8 to 12 weeks)			
Institute's focal research areas	Criminal Law; Criminal Procedure Law			

University of Muenster

The University of Muenster (WWU Muenster) has developed a strong research profile in natural sciences, the humanities, medicine, law and business administration. The WWU Muenster is one of the biggest universities in Germany and has 15 Departments in 7 Faculties. Founded in 1780, the WWU is also a university with a long tradition in teaching and research.

<http://www.uni-muenster.de/en/>

The language center of the University of Münster offers language classes at different dates throughout the whole year. You will find more information on the dates and the requirements here: <http://spz.uni-muenster.de/en/daf>

Contacts: Elisabeth Schattke / Dr. Petra Hille
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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
AFO Research Transfer	Dr. Wilhelm Bauhus	1	All of them	B, M
Time frame:	September – December 2017			
Institute's focal research areas	Science and Technology-Transfer, strategies and methodologies for citizen science and Co creation.			

2

Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B = Bachelor; M = Master; P = PhD)
Institute for Applied Physi	Prof. Dr. Cornelia Denz	1	Physics; Optics; El. Engineering	M, P
Time frame:	June – October 2017			

<p>Institute's focal research areas</p>	<p>Working language English or German.</p> <p>Photonics – applications of optics in information processing, biology and medicine – has recently achieved a highly developed state that allows considering the actual century as the "century of the photon" that displaces the last century - the "century of the electron".</p> <p>Photonics is therefore one of the most promising technologies of the future, and driving motor for many industry applications of optical technologies which are nowadays already used e.g. in optical data storage as for CDs and DVDs, in optical illumination with LEDs or OLEDs, or in optical communication using optical fibers.</p> <p>Nonlinear optical effects allow amplifying, controlling, and steering light in order to realize complex information processing tasks. They require the understanding and control of nonlinear effects as well as tailoring light for the purpose of application. Using nonlinear optical processing features, we can use light as the carrier of information of the future.</p> <p>Our actual research activities are centered around this vision, based on two major focus lines - nonlinear optical applications in information, biology and medicine, and photonic circuits by light is guiding light.</p> <p>In this field, we are offering places for PhD students or Master students in the following fields:</p> <ul style="list-style-type: none"> • Optimization of organic solar cells by surface structuring • Investigations of cell elasticity by optical tweezers • Development of tailored light fields for holographic optical trapping • Sculpted light for the investigation of singular optics • Realization of polymer structures by dielectrophoresis • Nonlinear light localization in photonic crystal structures • Nondiffracting beams as tools for photonic lattices • Creating 3D nonlinear photonic spiral lattices • Nonlinear integrated optics by direct femtosecond laser writing • Nonlinear microscopy <p>Grating-assisted nonlinear frequency conversion</p>
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Muenster University of Applied Sciences

The University of Applied Sciences (MUAS) was founded in 1971 out of public and private schools and has developed to a modern, achievement-oriented and science-oriented university. MUAS is with around 12,700 students and 14 faculties/central research institutions one of the biggest institutions of its kind in Germany. The departments and institutions are located at different places in Münster and Steinfurt.

A Welcome Service for foreign students is offered to make students' life easier and to integrate them successfully into everyday life at the university.

The University of Applied Sciences Münster offers language courses from A2 –B2.

Internet: www.fh-muenster.de

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Phone +49 251 8364119
Email: Nadine.pantel@fh-muenster.de

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (M = Master, P = PhD)
Department of Mechanical Engineering Laboratory for Thermal and Power Engineering	Prof. Dr.-Ing. habil. Stefan aus der Wiesche	1	Mechanical Engineering	B, M, P (possible together with the University of Paderborn)
Time frame:	May – December 2017			
Institute's focal research areas	<p>All research projects are dealing with fluid mechanics and heat transfer (both experimental and theoretical research).</p> <p>Every project is linked to a larger research project coordinated by PhD students and research assistants in the lab. The supervision and support of the students is fully ensured.</p> <p>The following projects are currently open for the present initiative:</p> <ul style="list-style-type: none">- Boiling heat transfer and investigation of microscale flow phenomena- Convective heat transfer from rotating disks- Flow separation and reattachment of a turbulent boundary layer <p>Further information is available (see corresponding internet page of the lab).</p>			

University of Paderborn

University of Paderborn is a fully accredited state university offering all types of academic degrees including PhD and postdoctoral lecture qualification.

The university has an academic staff of about 1.000 and offers a wide range of subjects in five faculties: Faculty of Arts and Humanities, Faculty of Business Administration and Economics, Faculty of Science, Faculty of Mechanical Engineering, Faculty of Computer Science, Electrical Engineering and Mathematics.

There are about 19.500 students currently studying at the University, among them about 1500 international students.

www.uni-paderborn.de

Language courses: 4 - weeks crash course of 20 hours per week; starts before the official start of the semester in March and in September (100 €). Another course of 10 hours per week runs during the semester (200 €).

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Tel.: +49-5251-60-3638

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B= Bachelor; M= Master; P= PhD)
Chair of Mechatronics and Dynamics	Dr. Tobias Hemsel	1	Mechanical Engineering, Electrical Engineering, Mechatronics	M, P
Time frame:	Preferably 12 weeks, ending before September 30rd or starting after October 1 st .			
Institute's focal research areas	- Vibration, Contact Mechanics, and Wear - Multifunctional Materials, Actuators, and Ultrasound Technology - Reliability, Safety, and Optimisation			

University of Wuppertal

The University of Wuppertal, founded in 1972, is one of the state universities in North Rhine-Westphalia (NRW), which is economically the most significant German state with an outstanding educational and cultural landscape. The city of Wuppertal, situated close to Düsseldorf and Cologne in a particularly delightful region with wooded hills, meadows, orchards and fields, called the “Bergisches Land”, is an interesting mixture of outgoing metropolis and cosy village with a lot of leisure facilities. From any part of the city it is only a 10 minute walk to the nearest park or shady woodland path.

<https://www.wuppertal.de/microsite/en/index.php>

The University of Wuppertal towers over the city. The main campus enjoys a panoramic view across the town – a perfect environment for developing inspiring ideas and academic projects that will shape the future. Some 20.000 students from more than 100 countries benefit from our high-level academic approaches in teaching, and the university's commitment to research and international collaboration. Wuppertal University offers a diverse range of programs in science, engineering economics and the humanities, as well as educational science, design and architecture. Our academic culture is marked by diversity, experience and innovation.

Study in Germany – Join us in Wuppertal!

<http://www.internationales.uni-wuppertal.de/en/incoming/international-students.html>

www.uni-wuppertal.de

Our Language Center “Sprachlehrinstitut –SLI”

<http://www.sli.uni-wuppertal.de/en/germanasforeignlang.html> offers the following courses of German as a foreign language:

- **Intensive German Courses** for perspective students
Levels: A1(beginners) to C1b (advanced).Weekdays daily beginning in April and October each year with 30 hours per week. Tuition 300 Euro/semester
- **German Course for Guest and Exchange Students** September 5 to 30, 2016 (“Survival German” + advanced level)
- **Lecture course „German Grammar“**
(Level: B2 upward), 2 hours per week
- **German for Business and Economics**
(Level: advanced), 2 hours per week
- **German for Humanities and Social Sciences**
(Level: advanced), 2 hours per week
- **German for Science and Technology**
(Level: advanced), 2 hours per week

Contact:

Andrea Bieck

Head of International Office

Bergische Universitaet Wuppertal

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Institute	Contact at the institute	Number of places	Discipline or subject area	Scholars' degree program (B= Bachelor; M= Master; P= PhD)
Center for International Studies in Social Policy and Social Services	Prof. Dr. Heinz Suenker	1	Social Sciences; Education; Social Policy; Social Work; Migration; Gender; Social Sciences and Law	M, P
Time frame:	May to July or October to December 2017			
Institute's focal research areas	The center deals with theory, politics and practices in political and welfare institutions, in education and social services. We offer a broad range of topics with respect to comparative questions.			

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Research group Experimental Particle Physics	Prof. Dr. Wolfgang Wagner	1	Physics	B, M, P
Time frame:	May 1 st to November 30 th 2017			
Institute's focal research areas	<p>Our group does research in the field of elementary particle physics with the ATLAS detector at the Large Hadron Collider (LHC) at the European Centre for Nuclear Research (CERN).</p> <p>The students can choose from two projects:</p> <p>a) data analysis in top quark physics, or</p> <p>b) digital electronics for detector readout.</p> <p>In the analysis project, the student will work on studies based on simulated events, preparing analyses to search for additional (new) heavy particles which decay to top quarks. The aim is to obtain a basic understanding of the event kinematics depending on the mass of the new particle. Alternatively, the student can also choose to work on studies supporting a high precision measurement of the top-quark mass in single top-quark events observed with the ATLAS detector.</p> <p>In the hardware project, the student will work together with researchers preparing a future upgrade of the ATLAS pixel detector to cope with higher readout bandwidth. The student will learn how to layout a small printed circuit board used at a test stand we operate here in Wuppertal. The test setup mimics conditions expected at the high luminosity LHC regarding the data rates and is based on hardware built for a recent upgrade of the ATLAS pixel detector.</p>			

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Mechanical Engineering – Engineering Design	Prof. Dr. Peter Gust	1	Mechanical Engineering	M, P
Time frame:	April to mid July 2017			
Institute's focal research areas	<ul style="list-style-type: none">• Robust design of mechatronic products• Product Development: Methods and tools• Quality management in development• Knowledge management with Wiki systems,• Development of multi-articular systems• Tolerance analyses and tolerance management			