

ON THE UPSWING

GOETHE 
UNIVERSITÄT
FRANKFURT AM MAIN

2009



FOREWORD EYE TO EYE

“A magic dwells in each beginning ...”: this half-sentence from Hermann Hesse’s poem “Steps” also somewhat describes the attitude and expectations I often encountered in my first year as President of Goethe University whenever I met and fell into discussion with staff members, local people and decision-makers. I would like to express my thanks for this open, friendly attitude; after all, one cannot normally expect to receive so much premature praise when following in the footsteps of someone so successful as my predecessor Rudolf Steinberg.

I did my best to meet these expectations by starting out, in the first few weeks and months, familiarising myself with all the Goethe University faculties on the ground. It was, and still is, important to me to understand what lies behind the inner workings of this great university and to know the people who assume responsibility there on a day-to-day basis. I gained fascinating insights into areas I did not previously know, even as the Vice-President, especially in the humanities and social sciences, which play a formative part in Goethe University’s profile.

One does not take on an office such as this unprepared. It was, and remains, important to me to enter into direct exchanges with as many different groups as possible. My “dialogue drive” achieved this aim, and I shall continue to keep up this dialogue in the future, whether at monthly talks with the students’ union (ASTA), the regular students’ round table, my visits to administrative departments,



or in intensive conversations and coordination talks to prepare for the Initiative for Excellence. A university with this degree of diversity cannot be understood, managed or developed just from behind a desk.

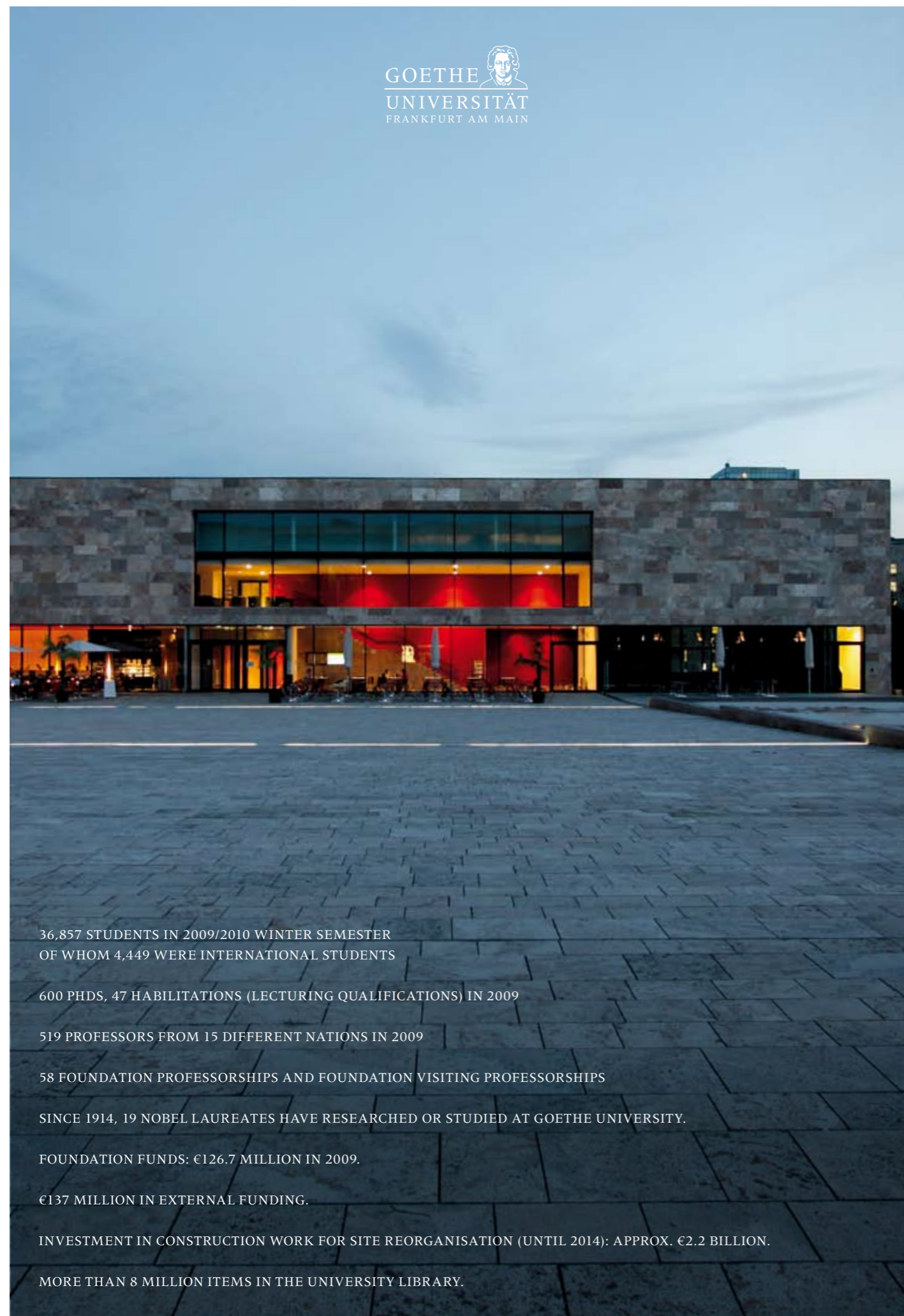
The end of 2009 brought a particularly heated confrontation when students protested at Goethe University. This culminated in the occupation of our historical Casino canteen. Damage running to six figures, the subsequent clearing of the building and months spent struggling to understand these events followed. Even though not everyone involved took up my invitation to clearly state their position in favour of non-violence in university discourse, it was important to me that lines of communication did not fall apart even in this difficult situation, and that the dialogue was resumed immediately afterwards.

In 2009, the foundations were laid for a successful application for the next federal and state Initiative for Excellence. After all, we had gone through an internal selection process to identify particularly substantive and brilliant scientific projects to represent us in 2010. Goethe University will be playing to its strengths and entering the competition with optimism. We will be doing our best to head the field at the end. Keep your fingers crossed for us!

Best regards,

A handwritten signature in blue ink that reads "Werner Müller-Esterl".

Werner Müller-Esterl, President



36,857 STUDENTS IN 2009/2010 WINTER SEMESTER
OF WHOM 4,449 WERE INTERNATIONAL STUDENTS

600 PHDS, 47 HABILITATIONS (LECTURING QUALIFICATIONS) IN 2009

519 PROFESSORS FROM 15 DIFFERENT NATIONS IN 2009

58 FOUNDATION PROFESSORSHIPS AND FOUNDATION VISITING PROFESSORSHIPS

SINCE 1914, 19 NOBEL LAUREATES HAVE RESEARCHED OR STUDIED AT GOETHE UNIVERSITY.

FOUNDATION FUNDS: €126.7 MILLION IN 2009.

€137 MILLION IN EXTERNAL FUNDING.

INVESTMENT IN CONSTRUCTION WORK FOR SITE REORGANISATION (UNTIL 2014): APPROX. €2.2 BILLION.

MORE THAN 8 MILLION ITEMS IN THE UNIVERSITY LIBRARY.

CONTENTS

Second year of autonomy 4

Close relationships 5

Tour d'horizon 6

Five for Goethe 7

Collaborative research centres, DFG research units and DFG priority programmes,
research training groups in 2008 8

Research 10

Picking up speed 11

News from the Clusters of Excellence 12

LOEWE – Strong partner for top research from Hesse 13

Top investment, excellent research 14

Science knows no borders 16

New training structures for the next generation of graduates 17

Infrastructure for research 18

Literary plus and minus 19

Studying and teaching 20

Figures, structures and reforms 21

Reviews and polls 22

What do the alumni have to say? 23

Today a student, tomorrow an entrepreneur 24

University in progress 26

Stone by stone 27

New developments for the university administration 29

internationalisation activities in 2009 30

A citizens' university comes to life 31

Timeline

Quick Overview of 2009 32

Facts & Figures 34

Imprint 46

SECOND YEAR OF AUTONOMY



»LIBERTY MEANS RESPONSIBILITY
THAT IS WHY MOST MEN DREAD IT.«

George Bernard Shaw

PRIVATELY FUNDED UNIVERSITY CLOSE RELATIONSHIPS

The new freedom has paid off. Having sailed through its première in 2008, in 2009 Goethe University entered its second year as a privately funded university. It was already clear in 2008 that the new structures were excellent to work with.

One thing which became increasingly evident in 2009 was the spirit of this privately funded university; the connection between the university and society. Goethe University now places even greater emphasis on its vision of itself as a “citizens’ university”, for example in inviting the people of Frankfurt to public lectures and debates, or on guided tours of its Westend campus. In opening its doors to the city it is also creating a link to its historical roots – after all, it was founded in 1914 by committed citizens wanting a modern university for their city.

THE DUTIES OF FREEDOM

As a foundation under public law, since January 2008 Goethe University has benefited from new licence to make structural changes and from financial latitude. It uses its newly gained autonomy when making appointments and setting down lecturers’ duties and in its regulations for university admissions or quality assurance. Where the Hesse Ministry of Higher Education, Research and the Arts was once the supervisory authority, today the university council has taken on this responsibility. The university advisory committee, with its financial and economic affairs committee controlling budget-related affairs, keeps a watchful eye on what goes on. The foundation committee, made up of 40 sponsors and donors, stands by the university management as an advisory board.

CONSTANT DIALOGUE TOUR D'HORIZON

As part of his dialogue drive, Prof Werner Müller-Esterl set off immediately upon taking up his post as President on a tour d'horizon through the university's sixteen faculties. His aim: to get to know the university in all its many facets; to find out what issues matter most to the faculties and to build up even better links with scholars, staff at the deans' offices and other workers. "This tour has greatly widened my horizons. These encounters have helped me get to know many faculties at close range for the first time, and I have found out more about subjects which I was previously unfamiliar with," explained Müller-Esterl. "I picked up on problematic issues and presented them to the council. We will not, of course, be able to change everything at once, but it has given me a feeling for where particular difficulties or structural challenges may lie for this university. After all, when it comes down to it that is the point: we on the council cannot change the details, but we can deal with structural problems, and we can solve those problems."

For 2010, the President also announced that he would be going on the second stage of his tour d'horizon in the administrative and technical departments at Goethe University, so as to learn first-hand from the executives and staff there about their views of the university, both positive and negative.

Müller-Esterl also entered into an intensive dialogue with the students. Since he took up his post, there have been regular round tables with students from all faculties, who meet the President in his office to tell him of their personal experiences



of studying and teaching at Goethe University; of stress in Bachelors' courses or inspiring lecturers.

Since 2009, Müller-Esterl has also had recurrent encounters with his probably most critical observers after re-introducing the custom of regular meetings with student union (AStA) representatives. In the 2009/2010 winter semester, however, the dialogue between the President and students turned into a real challenge when the student protests which hit Germany spread to Goethe University: during an education awareness week held by alternative activists, the historical Casino canteen building on the Westend campus was occupied. As mounting vandalism ran up

a bill of hundreds of thousands of euros and works of art were damaged, Goethe University decided to have the building cleared by police. This was preceded by several offers from President Müller-Esterl to hold talks with students. Müller-Esterl appealed to the protesting students to cast their mind back to the "justified basic concern" of the strike and to refrain from any further violence. He announced that there would be "Bologna workshops" involving students, aimed at further improving teaching quality at Goethe University. The Bologna workshops started in January 2010, led by Vice-President Prof Manfred Schubert-Zsilavecz.

NEW COUNCIL, NEW RESPONSIBILITIES FIVE FOR GOETHE

In 2008, Goethe University elected its new president, Prof Werner Müller-Esterl. On 28 January 2009, the university senate chose four new Vice-Presidents, and over the course of the year, Prof Maria Roser Valenti, Prof Rainer Klump, Prof Matthias Lutz-Bachmann and Prof Manfred Schubert-Zsilavecz took over their official duties from their predecessors. The term of office for the new Vice-Presidents will be three years. At the end of the year, the university Chancellor, Hans Georg Mockel, was re-appointed for another period in office.

President Prof Werner Müller-Esterl commented with pleasure: "This new combination is almost a dream team to guide the affairs of the new privately funded university in Frankfurt. After many years there will finally be another woman on the council again: Prof Valenti; as she is Spanish she will be joining her Austrian colleague Prof Schubert-Zsilavecz in providing an international perspective. During his time as dean, Prof Klump substantially developed the Faculty of Economics and Business Administration, and Prof Lutz-Bachmann has a widely recognised reputation, not least in the field of arts and humanities. Mr Mockel professionalised the university administration in an exemplary manner and will be contributing a managerial perspective." At the same time, Müller-Esterl thanked the outgoing Vice-Presidents Prof Wolf Aßmus, Prof Inwger Ebsen and Prof Andreas Gold for their successful, enthusiastic commitment during their time in office to the faculties they represented and for taking Goethe University in a new strategic direction.

At the same time as these staff changes,



The new Vice-Presidents – from left Prof Manfred Schubert-Zsilavecz, Prof Rainer Klump, Prof Roser Valenti, Prof Matthias Lutz-Bachmann

the duties of each Vice-President were also re-assigned:

- Prof Klump, the economist, will be responsible for the faculties of Law, Economics and Business Administration and Social Sciences, as well as the fields of internationalisation, continuing education and the global budget.
- The philosopher Prof Lutz-Bachmann will be covering the fields of research and lecturers' training, and will be responsible for the Arts and Humanities faculties.
- Studying and teaching, student affairs, transfer, young scientists and graduate schools will be the responsibility of the pharmacist Prof Schubert-Zsilavecz, as well as the faculties of Biochemistry, Chemistry and Pharmacy, Biological Sciences and Medical Science.
- The physicist Prof Valenti will take on the faculties of Physics, Computer Science and Mathematics, Geosciences and Geography, as well as dealing with libraries, the university computer centre, large-scale equipment and equality.

Chancellor Hans Georg Mockel is responsible for the university administration as



Prof Werner Müller-Esterl was elected as Goethe University's new president in 2008.

a whole; the current focus is on the topics of customer focus, planning and management accounting, executive professional development and capacity. The university President has direct responsibility for central strategic areas such as Goethe University's general policy.

At the end of the year, Prof Rainer Klump went through another voting process: in its session of 18 December 2009, the extended senate elected him as the first full-time Vice-President. One of Prof Klump's key tasks will be preparing the university's winning application in the next round of the federal and state Initiative for Excellence.

COLLABORATIVE RESEARCH CENTRES, DFG RESEARCH UNITS AND DFG PRIORITY PROGRAMMES, RESEARCH TRAINING GROUPS IN 2009

CRC 472: Molecular Bioenergetics

Speaker: Prof Bernd Ludwig
Institute of Biochemistry, Faculty 14

CRC 579: RNA Ligand Interactions

Speaker: Prof Joachim Engels
Institute of Organic Chemistry, Faculty 14

CRC 641: The Tropospheric Ice Phase – TROPEIS

Speaker: Prof Ulrich Schmidt
Institute of Meteorology and Geophysics, Faculty 11

CRC 815: Redox Regulation: Generator Systems and Functional Consequences

Speaker: Prof Bernhard Brüne
Institute of Biochemistry I, Faculty 16

CRC/Transregio 23: Vascular Differentiation and Remodelling

Coordinated by: Prof Karl-Heinz Plate
Edinger Institute, Neurological Institute, Faculty 16

CRC/Transregio 49: Condensed Matter Systems with Variable Many-Body Interactions

Speaker: Prof Michael Lang
Institute of Physics, Faculty 13

CRC 807: Transport and Communication across Biological Membranes

Speaker: Prof Robert Tampé
Institute of Biochemistry, Faculty 14

Hospital research unit 129: Mechanisms for the Development of Resistance and Optimisation of Antiviral Strategies of Hepatitis C Virus Including Integrative Biomathematical and Bioinformatical Models

Speaker: Prof Stefan Zeuzem

Medical Department I (Gastroenterology, Pneumology/Allergology), Faculty 16

Research unit 510/1: Ecological and Cultural Change in West and Central Africa

Speaker: Prof Peter Breunig
Seminar for Prehistorical and Protohistorical Archaeology, Faculty 8

Research unit 703: Rift Dynamics, Uplift and Climate Change in Equatorial Africa. Interdisciplinary Research Linking Atmosphere, Lithosphere, Biosphere and Atmosphere

Speaker: Prof Georg Rumpker
Geophysics Section, Centre for Interdisciplinary Research on Africa, Faculty 11

Research unit 784: Signalling with fatty acid metabolites and sphingolipids

Speaker: Prof Josef M. Pfeilschifter
Institute for General Pharmaceutics and Toxicology, Faculty 16

Research unit 801: Strong correlations in multiflavour ultracold quantum gases

Speaker: Prof Immanuel Bloch (Mainz University)
Prof Walter Hofstetter
Institute for Theoretical Physics, Faculty 13

Research unit 1206: Justitia Amplificata: Rethinking Justice – Applied and Global

Speaker: Prof Stefan Gosepath
“Formation of Normative Orders” Cluster of Excellence, Faculty 3

DFG priority programme 1236: Structures and properties of crystals at extremely high pressures and temperatures

Coordinator: Prof Björn Winkler
Mineralogy Section, Faculty 11

DFG priority programme 1293:

Competence models to record individual learning outcomes and summarise learning processes

Coordinator: Prof Eckhard Klieme
Institute for General Educational Science (WE I), Faculty 4

RESEARCH TRAINING GROUPS

Business Finance and Monetary Economics (Faculty 2)

Speaker: Prof Christian Schlag
Institute of Business Management

Sentence Types: Variation and Interpretation (Faculties 9, 10)

Speaker: Prof Jost Gippert
Institute of German Language and Literature II

International research training group: Roles of eicosanoids in biology and medicine (Faculties 14, 15)

Speaker: Prof Dieter Steinhilber
Institute of Pharmaceutical Chemistry

Public Spheres and Gender Relations – Dimensions of Experience

(Cornelia Goethe Centre, Goethe University / Interdisciplinary Working Group on Women’s Studies, University of Kassel)
Speaker: Prof Barbara Friebertshäuser
Cornelia Goethe Centre

International research training group: “Political Communication from the Ancient World to the Twentieth Century” (Faculty 8)

Speaker: Prof Luise Schorn-Schütte
Historical Seminar; Università degli Studi di

Trento, Italy, and University of Innsbruck, Austria (Bologna also associated)

Research, Development and Safety of Biologicals (Faculties 16, 14/Georg Speyer House)

Speaker: Professor Josef M. Pfeilschifter
Institute for General Pharmaceutics and Toxicology

INTERNATIONAL MAX PLANCK RESEARCH SCHOOLS

Comparative Legal History

Speakers: Prof Albrecht Cordes, Prof Michael Stolleis,
Goethe University, Institute of Legal History, Faculty 1; MPI for European Legal History

Structure and Function of Biological Membranes

Speakers: Prof Werner Kühlbrandt (MPI), Prof Jürgen Bereiter-Hahn (Goethe University), MPI Biophysics; Goethe University, Brain Research, Faculty 15

Atmospheric Physics and Chemistry

Speakers: Prof Jos Lelieveld (MPI), Prof Ulrich Schmidt (Goethe University)
MPI of Meteorology and Geophysics, Mainz; Goethe University, Faculty 11

HELMHOLTZ RESEARCH SCHOOL

Quark Matter Studies in Heavy Ion Collisions

Coordinator: Prof Harald Appelshäuser
Institute of Nuclear Physics, Faculty 13

HELMHOLTZ GRADUATE SCHOOL

Hadron and Ion Research, at the GSI Helmholtz Centre for Heavy Ion Research in Darmstadt

Joint venture partners: Universities of Darmstadt, Frankfurt, Gießen, Heidelberg and Mainz
Speaker at Goethe University: Prof Harald Appelshäuser
Institute of Nuclear Physics, Faculty 13

VOLKSWAGEN FOUNDATION DOCTORAL SCHOOL

Judgement and canonicity in a post-civil knowledge-based society

University lecturers involved: Prof Gerhard Wild, Institute of Romance Languages and Literatures, Faculty 10
Coordinator: Dr Matthias Beilein, Göttingen University

INTERNATIONAL PHD PROGRAMMES (IPPS)

IPP on Religion in Dialogue

Project leader: Prof Siegfried Wiedenhofer
Chair in Fundamental Theology, Faculty 7

IPP in Social Sciences

Project leader: Prof Tilla Siegel
Sociology, focusing on industrial and organisational sociology, Faculty 3



»PROGRESS IS ONLY POSSIBLE
WHEN YOU INTELLIGENTLY BREAK THE RULES.«

Boleslaw Barlog

ON THE HUNT FOR NEW KNOWLEDGE PICKING UP SPEED

In 2009, competition further intensified between universities. In this field, Goethe University was able to further develop its position among the top international research universities. This can be seen from its success at raising external funding: despite the adverse conditions of the financial and economic crises of 2009, Goethe University managed to raise its external funding to a total of €137.1 million, improving on the already impressive results of the previous year – €120 million – by another 14 per cent. At the same time, support for young academics and the appointments policy were built upon in a well-planned, sustainable manner, with more emphasis than before on key research areas. To make success measurable and transparent for internal purposes, Goethe University developed a set of key performance indicators. These gauge success at raising external funding, top-class publications, promotion and awards for academics and projects on a national and international basis, and the rate of success at first-choice appointments, i.e. the successful appointment of preferred candidates. The university also received top marks from external sources: in the DFG rankings, Goethe University managed to improve its position, rising from 18th to 12th place; in the CHE research rankings, the faculties of Pharmacy and Chemistry were newly rated in 2009 and came out in the top group, and in the Shanghai rankings, Goethe University was placed in the top 6–11 nationally and the top 33–58 on a European level.

IMPARTING NEW KNOWLEDGE

Nowhere else in Germany are there as many endowed chairs as at Goethe University. With more than 55 foundation professorships, foundation visiting professorships and distinguished professorships, Goethe University has further extended its unique position in Germany. In 2009, it managed to attract three new foundation professorships:

- Foundation professorship in interdisciplinary gerontology – BHF Bank Foundation professorship
- Funding for a senior (foundation) professorship via Bürgerhospital Frankfurt am Main e.V. from the Dr. Senckenbergische foundation, at the Dr. Senckenbergische Chronomedical Institute (SCI)
- Rudolf Steinberg foundation professorship from the non-profit Hertie Foundation for research into childhood teaching and learning

STRUCTURES AND INSTRUMENTS

To create the ideal environment for its academics, Goethe University made structural changes, continued tried-and-tested measures and developed new instruments in 2009.

- Thanks to Goethe University's **seed funding to organise coordinated programmes**, 11 out of 19 internally submitted projects received just under €1 million in funds in 2009.
- One new funding scheme is the **“Junior Scientists in Focus”** programme, endowed with €500,000 in 2009 and involving two funding streams. In the first funding stream, young scholars who have previously secured a rela-

tively large project and have another project in the pipeline can receive up to €30,000 of internal funding. The second funding stream is aimed at attracting external up-and-coming academics who have already secured group funding for young academics or have an ERC starting grant. It provides them with an additional, flexible budget of up to €200,000. So far six young academics have been funded on this programme.

- Three events in the **external funding workshop series** on current research funding topics created further links between all those involved. The most conspicuous and largest 2009 event to come under the heading of research information and networking was the German conference of the European Liaison Office of German Research Organisations (KoWi), which Goethe University hosted and which drew almost 300 guests and 20 speakers from the fields of administration and academia to discussions at the Westend campus.

NEWS FROM THE CLUSTERS OF EXCELLENCE

Goethe University emerged from the federal/state Initiative for Excellence in 2007 with an impressive three Clusters of Excellence.

By raising €137.1 million in external funding in 2009, and with additional state funding of €323 million, Goethe University built up its external funding to more than 40 per cent of its total budget. This increase in the volume of external funding in total, and across all the university faculties, is an excellent basis for future success in the federal and state Initiatives for Excellence. The continued success of the three clusters of excellence was very much in line with this concept.

In 2009, the “Formation of Normative Orders” Cluster of Excellence made particular advances in attracting young academics, making academic appointments as hoped. One appointment was made in record time of less than eight weeks: that of Prof Nicole Detelhoff. The political scientist adapted the strategy for work with young scholars at the Cluster of Excellence, giving it new momentum. Among other things, the “Macromolecular Complexes” Cluster of Excellence managed to fill another central chair in appointing the physicist Prof Ernst Stelzer. At the same time, there was a smooth change from one representative to another when the newly elected President Prof Werner Müller-Esterl was replaced by Prof Harald Schwalbe. The “Cardio-Pulmonary System (ECCPS)” Cluster, a cooperative venture between Goethe University and the University of Gießen, kept up its successful work; at the end of 2009, Prof Andreas Zeiher in Frankfurt took over its representation from Gießen.

LOEWE

STRONG PARTNER FOR TOP RESEARCH FROM HESSE

There is also an excellence programme for academic funding on a state level in Hesse. Since 2008, LOEWE (the State Initiative for the Development of Scientific and Economic Excellence) has funded three centres and one key project, all of which heavily involve Goethe University. Along with the German Institute for International Educational Research (DIPF), the university is setting up a centre for empirical educational research, the “Centre for Research on Individual Development and Adaptive Education of Children at Risk” (IDEA). An international ideas workshop is being set up, run by Goethe University in cooperation with the GSI Helmholtz Centre for Heavy Ion Research, the Technische Universität Darmstadt, Justus Liebig Universität Gießen, the Helmholtz Association of German Research Centres (HGF) and the Frankfurt Institute for Advanced Studies (FIAS): “HIC for FAIR” will design and evaluate the experiments carried out using the GSI’s FAIR particle accelerator, now under construction. The Senckenberg Research Institute and Natural History Museum, also a Leibniz establishment, has cooperated with the university in setting up a research centre (BiK-F) to investigate the connections between climate change and the development of biodiversity. Finally, the LiFF key project (Lipid Signaling Research Center Frankfurt) is concerned with gaining a more precise understanding of lipid signalling in disease, and using this understanding to derive consequences for new treatment methods. To this end, there is cooperation between the Goethe University Hospital and Faculty of Medical Science and the Max Planck Institute for Heart and Lung Research in Bad Nauheim. As Vice-President, Prof Matth-

ias Lutz-Bachmann is responsible for the field of research: “In 2009, all three centres and the key project continued their successful work and initial appointments were made.”

NEW FRANKFURT LOEWE PROJECTS

In the second LOEWE round, funding was raised in 2009 for the key project Oncogene Signal Transduction (OSF) with Prof Hubert Serve as its principal investigator. Alongside Goethe University, the Georg Speyer Haus Institute for Biomedical Research in Frankfurt is also involved. The aim of this key project is to decipher molecular mechanisms in tumour diseases and use them to develop new therapeutic strategies. Funding: approx. €4.5 million in 2010-2012.

Another LOEWE-funded key project is Goethe University’s part in “AmbiProbe – Mass Spectrometric In-situ Analysis in the Fields of Health, Environment, Climate and Safety”, which deals with the development of bioanalytical and nano-analytical methods and instruments based on fundamental research in physics and chemistry in these fields. Coordination: Gießen University; other partners apart from Goethe University: the GSI Helmholtz Centre for Heavy Ion Research in Darmstadt and the German Cancer Research Centre (DKFZ) in Heidelberg. The leader for Goethe University’s part in the project is Prof Michael Karas of the Faculty of Biochemistry, Chemistry and Pharmacy. Funding: approx. €4.5 million by 2012.

Goethe University also plays a significant role in the LOEWE key project PräBionik: this competence cluster has a very prac-

tical approach to investigating the biomechanical properties of human soft tissues and changes in their pathology; the plan is to develop it further into a key project with a national impact. Coordination: Frankfurt University of Applied Sciences; other parties involved apart from Goethe University: Philipps-Universität Marburg, Mosbach University of Cooperative Education. Prof Jürgen Bereiter-Hahn will be running the project on the part of Goethe University. Funding: approx. €3.8 million by 2012.

GREAT MINDS AND PROJECTS – SPOTLIGHT ON RESEARCH TOP INVESTMENT, EXCELLENT RESEARCH

In 2009, Goethe University's targeted appointments policy paid off both in terms of project funding and of funding for individual researchers.

- Prof Ivan Dikic succeeded in gaining an ERC Advanced Grant (see also the chapter on EU funding).
- Another project of equal repute is Prof Reinhard Dörner's Koselleck project, which is to receive €1.25 million in additional funding from the German Research Foundation (DFG) over the next five years. Dörner is carrying out experimental investigations into the special characteristics of small molecules, made up of two or three helium atoms.
- The DFG's Gottfried Wilhelm Leibniz Prize was bestowed on Prof Roman Inderst for his research work in the field of financial market regulation (the prize is worth €2.5 million). Inderst, who works at the House of Finance, focuses on issues connected to banking supervision, retail finance and competition policy.

OTHER MAJOR NEW RESEARCH PROJECTS

In the realm of projects, Goethe University has managed to keep top-class proposals coming in, especially at the German Research Foundation (DFG statistics on proposals: 2007: 244, 2008: 304; 2009: 283) and has won some excellent new grants.

- The Institute for Advanced Studies in the Humanities opened its doors to the "Formation of Normative Orders" Cluster of Excellence and the DFG-funded "Justitia Amplificata" research group. The key focus of interest in Justitia Am-

plificata (principal investigators: Prof Stefan Gosepath and Prof Rainer Forst) is the topic of justness. The researchers intend to apply philosophical discussion on theories of justness to concrete examples.

- In December 2009, funding was renewed for the collaborative research centre CRC 834 "Endothelial Signalling and Vascular Repair". This research centre focuses on important issues in molecular and cell biology regarding the function and regeneration of endothelial cells, and associated symptoms such as cardiovascular diseases. The speaker is Prof Ingrid Fleming.
- On 1 January 2009, the collaborative research centre CRC 815 "Redox Regulation: Generator Systems and Functional Consequences", led by Prof Bernhard Brüne of the Faculty of Medical Science, received approval and was launched.
- The CRC/Transregio 23 "Vascular Differentiation and Remodelling", run jointly with Heidelberg University, was extended for another funding period. This project is about the functional and phenotypic regulation of the cells in blood vessel walls. Diseases of the circulatory system are the direct or indirect cause of some 70 per cent of human deaths; they play a part in almost all the main human conditions such as diabetes, strokes, heart attacks, high blood pressure and tumours.
- Under the umbrella of the newly approved research training group "Value and Equivalence – On the Formation and Transformation of Values from an

Archaeological and Ethnological Perspective" (project launch: 2010), researchers from the fields of archaeology, ethnology and other humanities plan to carry out interdisciplinary investigations into the concepts of "value" and "equivalence" in the social contexts of religion, politics, business and culture.

- Funding was extended for the research training group "Research, Development and Safety of Biologicals".
- The DFG also approved a high-performance computer for Goethe University's Excellence projects, to be paid for and used jointly by all projects. The budget for the computer is €4.9 million; by today's standards, it will provide roughly 100 teraflops of computing power. The scheme involves the "Macromolecular Complexes" Cluster of Excellence (CEFM-C), the LOEWE centre "Helmholtz International Center for FAIR – Data, Analysis, Theory and Simulation", the LOEWE centre "Biodiversity and Climate", CRC/Transregio 49 "Condensed Matter Systems with Variable Many-Body Interactions", the Bernstein Focus: Neurotechnology (Frankfurt), the Bernstein Group and the Hessian Quantum Chemistry Initiative.
- Since 1997, the Point Sud Research Centre in Bamako, Mali has been promoting dialogue between European and African researchers. Its task is to support projects by international academics and to award scholarships to young African researchers. In 2009, Goethe University and the DFG launched a funding programme specially tailored to fit



in with Point Sud. Goethe University has taken over responsibility for running the conference centre in Bamako. To make this infrastructure available to the academic community and to make the most of a top-class academic programme, every year there is a call for proposals for a consortium application to be assessed by the DFG, open to the entire German community of researchers into African Studies. Among other things, this success is thanks to the commitment of Mamadou Diawara, who has been Professor of Ethnology at Goethe University since 2004 and is the director of the Point Sud Research Centre for Local Knowledge. In November

2009, the Point Sud programme was launched with a major international conference in Bamako.

EU RESEARCH FUNDING SCIENCE KNOWS NO BORDERS



Electron microscopy expert, Prof Achilleas Frangakis, (left) and biochemist, Prof Ivan Dikic, both successfully received an ERC Grant in 2009.

Scientific funding from the European Union has become an important factor in universities' external funding. With its ERC grants programme (ERC = European Research Council), launched in 2007, the European Union aims to promote creative scientists throughout Europe. The EU awards ERC Starting Grants to excellent researchers starting their career and ERC Advanced Grants to innovative projects by outstanding established researchers. So far, in previous rounds, Goethe University managed to secure four grants. In 2009, one Starting Grant and one Advanced Grant followed; both were awarded to excellent researchers in the Life Sciences. Furthermore, 14 joint EU projects started up and another 8 were involved in contract negotiation or successfully concluded a contract.

His ERC Advanced Investigator Grant provides Prof Ivan Dikic with €2.5 million. Dikic is the director of the Frankfurt Institute for Molecular Life Sciences (FMLS) and the Institute of Biochemistry at Goethe University, and also plays a major role in the "Macromolecular Complexes" Cluster of Excellence. The biochemist plans to use the funds to establish a multidisciplinary programme for research into cancer and inflammation.

Prof Achilleas Frangakis, Professor in Electron Cryo-Microscopy in the "Macromolecular Complexes" Cluster of Excellence, is the next successful applicant for a Starting Independent Researcher Grant. For the coming five years, he will be using the ERC funding of €1.7 million to develop his interdisciplinary working group of biologists, physicists and scientists from

other disciplines. Frangakis is a specialist in cryo-electron tomography, a variant on electron microscopy in which living cells are cryogenically preserved and images then produced layer for layer as in medical computer tomography. With this method, Frangakis has solved the long-disputed question of how cells in tissues and organs stay together.

Scientists at Goethe University also won over the EU when it came to project funding, with funding of over half a million euros at a time going, for example, to the projects GameXP, EUTrigTreat, ENCE CF-LAM-LTX and NAIMIT.

- In GameXP, new natural substances are to be isolated and characterised along with European and Asian partners. The aim is to identify substances which could then be used as new lead compounds to treat infectious diseases, especially of a tropical nature. (Coordinator: Prof Helge Bode, Goethe University, Faculty of Biological Sciences)
- In the ENCE CF-LAM-LTX project, Goethe University medical scholars will be coordinating a European expertise network for rare diseases, in the hope that by combining forces, European experts will be able to meet patients' needs better than working alone on a national level. (Coordinator: Prof Thomas O.F. Wagner, Faculty of Medical Science)
- EUTrigTreat is about identifying and treating basic biological mechanisms which can trigger potentially deadly cardiac dysrhythmia (also known

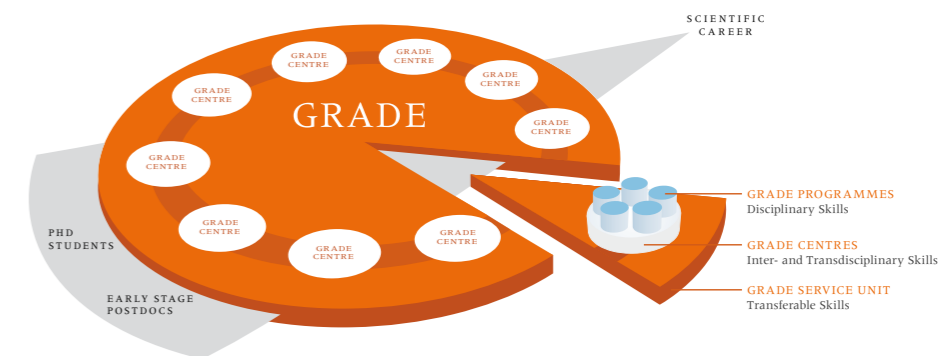
as arrhythmia). (Goethe University researchers involved: Prof Alexander Gottschalk, Dr Kirill Essine, Dr Jana Liewald)

- The aim of the NAIMIT project is to develop new therapeutic approaches to treat Type 1 diabetes. In this project, leading diabetologists and immunologists from eleven European research institutes have come together to investigate targeted means of influencing the immune system. (Goethe University researcher involved: Prof Klaus Badenhop, Faculty of Medical Science)

NEW TRAINING STRUCTURES FOR THE NEXT GENERATION OF GRADUATES

In 2009, Goethe University again set its sights on the structures of its graduate training. The university has developed a pioneering scheme in the shape of GRADE; the acronym stands for "Goethe Graduate Academy for the Life and Natural Sciences". What is special about the Graduate Academy is its centres, where up-and-coming scientists will be learning to look beyond detail and focus on interdisciplinary and transdisciplinary issues. GRADE is designed as a service provider giving young scientists the best support possible on their individual career paths by taking pragmatic measures. The new Graduate Academy was formed by merging the graduate schools Otto Stern School for Integrated Doctoral Education (OSS) and the International Research Graduate School for Translational Biomedicine (FIRST). Its formation also spurred on the further development of the Frankfurt Graduate School for the Humanities and Social Sciences (FGS).

At the same time, important foundations were laid for doctoral student education in the form of the "Law and Economics of Money and Finance" research training group, which received €1.5 million from the Monetary Stability Foundation, and the Graduate School in Economics, which was set up under the overall control of Goethe University along with external partners.



INFRASTRUCTURE FOR RESEARCH



The former UNO Executive Director and German Federal Minister, Prof. Klaus Töpfer, opened the series of events "A Critical Analysis of Development Assistance" at the Institute for Advanced Studies in the Human Sciences with his presentation "Sustainable Development - Present and Future Peace Policy".



Taking a peek at the Institute for Advanced Studies in the Human Sciences

INSTITUTE FOR ADVANCED STUDIES IN THE HUMAN SCIENCES: THINK TANK IS ONE YEAR OLD

Leaving everyday university life behind, losing yourself in a project and exchanging ideas with like-minded people, having space to think in a leafy setting instead of a busy, distracting city environment – all that is on the programme at the Institute for Advanced Studies in the Human Sciences, which opened its doors in the quiet little town of Bad Homburg in autumn 2008. Academic work began in the 2009 summer semester.

Its first year took off with a series of events related to "Critical analyses of development cooperation", launched by Prof. Klaus Töpfer, the former executive director of UNO and German federal minister. This was followed by public lectures by Prof. Thomas Pogge and Dr. David Ellerman, both scientists lecturing at renowned American universities.

As the university already had a research group on a related topic – the "Formation of Normative Orders" Cluster of Excellence – it was a logical step for the university directorate to invite some subprojects from that cluster to the institute, not only at conferences, but also, in particular, on fellowships. In 2009, six fellows moved into the research institute, four travelling from abroad: Prof. Christopher Clark came from Cambridge, Prof. Dmitri Nikulin from Moscow, Prof. Riccardo Prandini from Bologna and Prof. Michael Rosenthal from Seattle.

The topics and projects chosen by the research institute are closely connected to key focal points at the university: the institute's research also has an effect on teaching, and each fellow has also held seminars for under- and postgraduates.

LITERARY PLUS AND MINUS

A PAINFUL LOSS... SUHRKAMP ARCHIVE LEAVES FRANKFURT

The decision came at the end of October: the Suhrkamp Archive, housed at Goethe University since 2002, is to move to Marbach, the birthplace of Schiller, following a bidding war triggered by publisher Ulla Unseld-Berkéwicz entering into negotiations with a third party. "Of course I very much regret that, in the end, Goethe University did not get a chance even though we made an excellent bid to the publishing house," commented Prof. Werner Müller-Esterl, President of Goethe University, adding that in losing the Suhrkamp Archive, Frankfurt had lost a great intellectual and cultural prize.

In 2002, based on a contract concluded between the university and the Suhrkamp Foundation, a peerless collection of humanistic source texts from the second half of the twentieth century moved from the basements of the Suhrkamp publishing house into the care of Goethe University's archives. In 2003, the Suhrkamp Archive took up its work – one of the most important German literary archives from the modern age, as Peter Suhrkamp and his publishing house provided authors such as Hermann Hesse, Bertolt Brecht and Max Frisch with an intellectual home. The archive was the basis for a large number of publications and coverage in books and journals which drew national and international attention, as well as exhibitions and lectures.

Yet the Suhrkamp Archive will remain open to Frankfurt research, as the city and Marbach have agreed on a coopera-



Prof. Jürgen Habermas at the opening of the exhibition "... die Lava des Gedankens im Fluss" (Flowing Lava of Thoughts) at the German National Library in Frankfurt with curator Wolfgang Schopf from the Peter Suhrkamp Foundation archive. On his 80th birthday in June 2009, Habermas announced that he would hand over his archive to Goethe University.

tive arrangement whereby Goethe University will still be able to subject the archive to scientific investigation in future.

... AND A VALUABLE GAIN THE PHILOSOPHER HABERMAS BEQUEATHS HIS ARCHIVE TO GOETHE UNIVERSITY

While the Suhrkamp Archive has left Frankfurt, in return, the extensive archive of one of Germany's most important contemporary philosophers will be given a place here: Prof. Jürgen Habermas expressed this intention on his 80th birthday in June 2009, underlining his connection to Frankfurt as an intellectual centre, and to "his" university. Until retiring with Emeritus status in 1994, Habermas researched and taught in Frankfurt.

His archive will be joining the estates of other great authors of the Frankfurt school – such as Horkheimer, Adorno, Mitscher-

lich, Marcuse and Löwenthal – in the university library and the Institute for Social Research, creating a unique, growing collection from the history of Frankfurt scholars and German intellectual life. Prof. Werner Müller-Esterl, the university President, is delighted by Habermas's offer: "I am proud and happy that thanks to the promised addition of this archive, the great Frankfurt school tradition will continue to leave its mark on the city and the university."

The Habermas archive includes drafts and manuscripts of his books, of which there are more than 50, and his correspondence with scholars. Over the next few years, the records are to undergo systematic academic organisation.



FIGURES, STRUCTURES AND REFORMS

The lecture theatres and seminar rooms at Goethe University are filling again. After a drop in student numbers following the introduction of tuition fees in the 2007/2008 winter semester, since their withdrawal in June 2008, more young people have again been interested in studying at Goethe University. In all, the number of students in the 2009/2010 winter semester rose to 36,189 (not including those on leave), 8 per cent more than the year before. The number of new students (on the first semester of their course) even rose by 34 per cent to 10,100 (always comparing the summer semester with the subsequent winter semester). There have been increases in almost all subjects, but the difference is most obvious in the sciences. "This shows that all our efforts to encourage people to study these subjects, in particular, have been a great success," commented Prof Manfred Schubert-Zsilavecz, Vice-President in charge of teaching.

ON THE PATH TO BOLOGNA

Goodbye to the German Diplom and Magister qualifications: Bachelors and Masters degrees (B.A. and M.A.) belong to the Europe of the future – that is the plan behind the Bologna Reform.

This reform had a critical reception from the very start not only in public discussion but also within the university. The new Hessian Higher Education Act (HHG) states that, apart from teaching degrees, all degrees now have to be Bachelors and Masters courses. Even the subjects which have so far adopted a wait-and-see policy and kept hold of their Magister and Diplom qualifications are now switching over.

However – and this became clear from the student protests throughout Germa-

ny in 2009 – the new courses are in urgent need of reform. As elsewhere, students at Goethe University drew attention to the fact that a certain number of mistakes had been made in developing the new degree courses. Some points of criticism include excessive testing, compulsory attendance for teaching units and a lack of flexibility when it came to semesters spent abroad.

The Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (KMK) has now reworked its basic requirements for Bachelors and Masters accreditation in the interests of students. It is now easier to gain access to Masters degree courses and the number of exams per module has been reduced to one.

In close cooperation with the students, the university council has set up Bologna workshops involving the student's union (AStA), the student bodies and the deans of studies. The idea for this arose during the student protests in the 2009/2010 winter semester, and work in the workshops began in January 2010. At the Bologna workshops, 25 to 30 people come together at a time to discuss grievances related to the course reforms and to search for a constructive solution. The aim is to create a framework – first at the level of subject groups, then at university level – to make completing courses more practically achievable. The senate will also be giving its opinion on specific points in a debate on general principles. Actual implementation will then take place at a faculty level.

One thing is already clear: the variety of subjects taught at Goethe University and their varying natures and demands mean

that at the end of the discussion process there will not be just one uniform set of recommendations and regulations on the design of all the courses. Instead, the point is to develop courses which meet the aims of the Bologna process yet remain in line with the culture of each specific field and comply with that field's academic ambitions.

While the Bologna workshops are intended to improve individual courses, in the panel discussion "What kind of teaching does the university need?" on 24 November 2009, Vice-President Prof Manfred Schubert-Zsilavecz introduced a process aimed at boosting teaching in general. This is backed up by increased cooperation with and among the deans of study (who now meet regularly), by crosslinking between the different central and local institutions supporting teaching and learning, and, last but not least, by targeted measures aimed at improving teaching. In this context, one main tool used is the funding which the State of Hesse gives its universities to improve the quality of studying conditions and teaching.

In 2009, the university management also decided to introduce so-called "Senior Professorships" to improve the student/professor relationship. The idea is to attract professors who distinguished themselves during their careers in research and teaching and who, having now passed the age of 65, would like to become involved at Goethe University and take on a full teaching load. The conditions for the introduction of these Senior Professorships were successfully adopted in the same year.

QUALITY ASSURANCE IN TEACHING REVIEWS AND POLLS



Awarded for their excellent teaching: (from left) Prof Andreas Junge, Prof Kira Kosnick and Prof Volker Dötsch.

Prizes and awards not only acknowledge special achievements, they can also draw attention to a topic. One means of boosting awareness of teaching at the university is the annual awarding of the “1822 Foundation and University Award for Excellent Teaching”. Students at Goethe University have the right to propose candidates for the award. In 2009, the award went to:

- ▶ Prof Andreas Junge, Faculty of Geosciences and Geography (first place),
- ▶ Prof Volker Dötsch, Faculty of Biochemistry, Chemistry and Pharmacy (second place)
- ▶ Aspiring Prof Kira Kosnick, Faculty of Linguistics, Cultural and Civilisation Studies, Art Studies (third place)

As well as having outstanding teaching qualifications, the candidates must also

have another qualification and need to have impressed students in the following areas:

- ▶ Activities to improve studying conditions in the long term
- ▶ Complementary course material
- ▶ Interdisciplinary work
- ▶ Research-related teaching
- ▶ Connecting theory and practice

Prof Tanja Brühl of the Faculty of Social Sciences was awarded the “1822 Foundation and University Award for Excellent Teaching” in 2008; in December 2009, she and her working group gained first place in the Hessian University Award for Excellence in Teaching (from the State of Hesse and the non-profit Hertie Foundation) for their project “Uni goes UNO”. The award is worth €150,000. In the “Uni goes UNO” role-play, students practise diplomatic negotiation in various United Nations bodies.

Not long before, the magazine “UNICUM Beruf” had named the pharmacist Prof Theo Dingermann Professor of the Year. Dingermann, too, is a recipient of the “1822 Foundation and University Award”: he gained first place in 2007.

WHAT DO THE ALUMNI HAVE TO SAY?

Graduate surveys are one of the elements aimed at ensuring that teaching quality is high. In autumn 2008, the first pan-university graduate survey took place at Goethe University, when it took part in the nationwide survey carried out by INCHER, the International Centre for Higher Education Research. Another survey was held in autumn 2009. These surveys ask graduates to evaluate their studying conditions in retrospect. As the survey is part of the nationwide census, data can be compared with other universities.

At Goethe University, one main point of the survey was to gain insights into how easily graduates transitioned from university to a career. The positive results showed that Goethe University graduates generally find the transition into a career slightly easier than at other universities. After roughly three months, graduates have found a position related to their subject.

In most other areas, the Goethe University results came in the midfield, very close to the average results for all the universities involved. “This shows clearly that there is still room for improvement in teaching at Goethe University,” commented Vice-President Prof Manfred Schubert-Zsilavecz. Fifty per cent of graduates stated that they were extremely satisfied with their course. Studying conditions and support from teaching staff were given mid-range marks, but overall, graduates rated the skills they had acquired in their subject and their personal improvement as good or excellent.

HOW GOETHE UNIVERSITY HELPS STUDENTS TAKE THE LEAP INTO INDEPENDENCE

TODAY A STUDENT, TOMORROW AN ENTREPRENEUR

A good business idea is just the first step: anyone toying with the idea of going independent also needs to know how to work out a business plan and convince investors of their project. Students and graduates at Goethe University receive support with this from the Goethe “Unibator” programme – not just in theoretical form, but also practical help. They can form a team (ideally an interdisciplinary one), win over sponsors within and outside the university with their company idea, use university facilities and infrastructure, seek the advice of experts in the Unibator network and work to get a business start-up grant. In 2009, several projects got off to a good start.



The student-founded website schaulaufen.net is a central platform for young designers, companies, fashion lovers and potential customers. The team: Sophie Meilinger (centre), Dominik Glüder, Stefan Bachmann, Marcel Winhold and Samuel Schlunk.

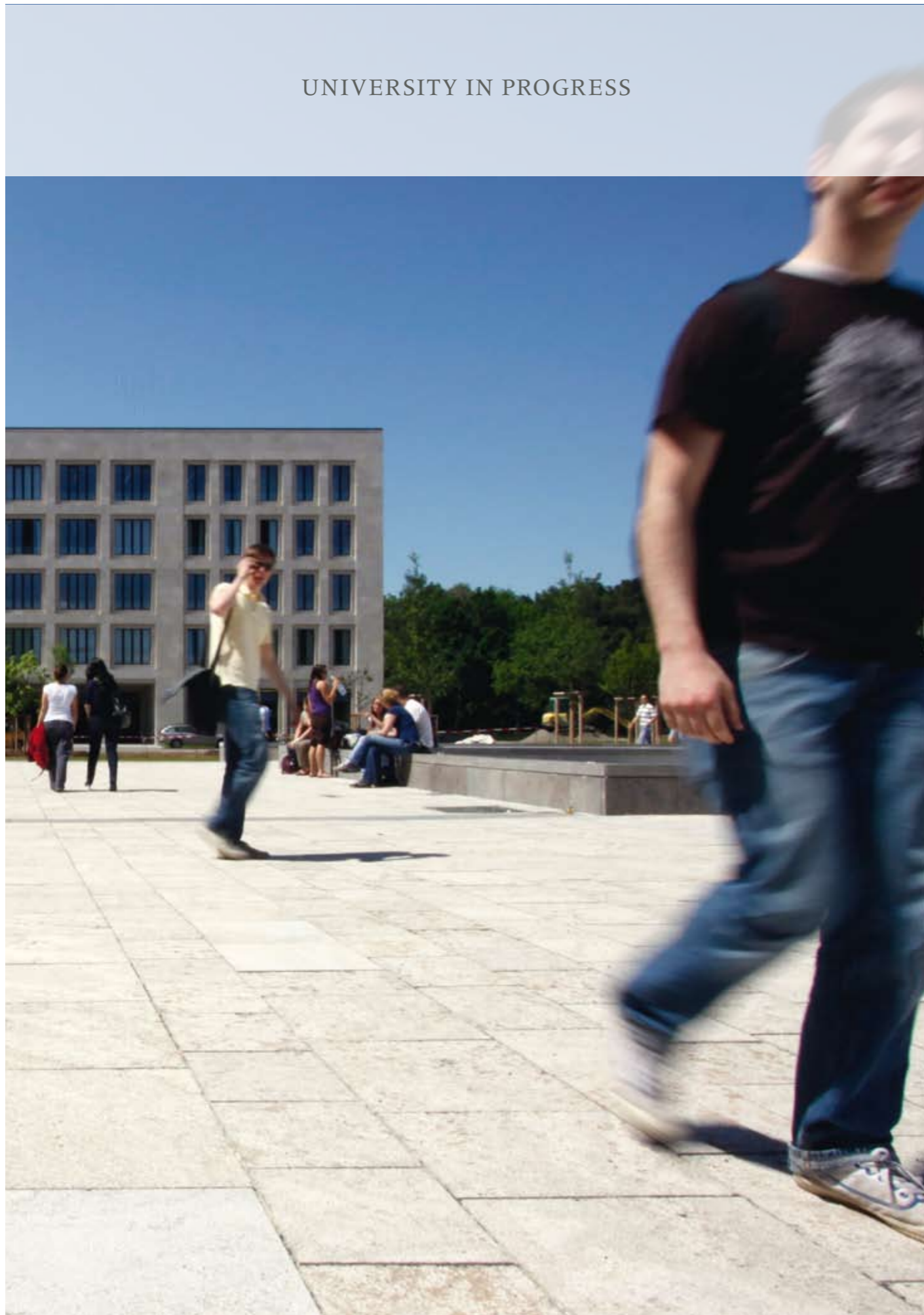
The student start-up “schaulaufen.net”, for example, won the nationwide ideas competition “Herausforderung Unternehmertum” (Entrepreneurship Challenge). schaulaufen.net is a website designed as a central point of call for young designers, companies, people interested in fashion and potential customers. The start-up project homepage is intended to make it easier for young designers to present their new collections to a wider audience. In the medium term, the aim is to use this platform to establish the new seal of quality “Designed and Innovated in Germany”, based on the established “Made in Germany” hallmark of quality. In the long term, the goal is also to create bricks-and-mortar shops in German city centres where original fashion can be sold. “It will be a long time before we get that far”, commented team member Sophie Meilinger. “There’s a huge amount of work, especially at the exploratory stage, which is why we are also looking for placement students from



Very close to the project: schaulaufen.net visits Leipzig designer label HIVYOHIVYO.

any faculty who want to support us and help make their mark on a start-up, so that schaulaufen.net can establish itself on the market in the long term.”





WORK CONTINUES ON THE NEW GOETHE UNIVERSITY BUILDINGS STONE BY STONE

In the Westend district, near the city centre, and Riedberg, in the northwest of Frankfurt, the cranes continue to turn; engineers and builders are purposefully taking plans for the new Goethe University from the drawing board to bricks-and-mortar reality. In 2009, construction of the new buildings on the university's two major building sites made rapid progress. More than 300 million euros have been invested in the current "Heureka" investment programme initiated by the State of Hesse to modernise its institutes of higher education.

RIEDBERG CAMPUS

On the Riedberg campus, visitors can watch the new Biological Sciences institute complex take shape along with the infrastructural centre with its lecture theatre section, departmental library and cafeteria, as well as the research building for the "Macromolecular Complexes" Cluster of Excellence. At the same time, construction work is going ahead in preparation for a modern horticultural nursery with plenty of space to propagate plants and for other climatic chambers. The design of the new campus square is also to be tackled soon, giving the university buildings a tangible central point.

The scientific workshop building already took up operation in the early summer of 2009. Among other things, staff in the workshops produce tailor-made equipment and instruments which the scientists need for their research. The new central unit has brought together the highly specialised workshops, which were previously at the individual institutes.

WESTEND CAMPUS

Travertine limestone buildings set in a listed historical park; this is the setting which makes Goethe University's main campus so attractive. The new buildings are architecturally arranged around the true heart of the campus: the historical ensemble of buildings which the architect Hans Poelzig designed at the end of the 1920s for the IG Farben company, and which have housed sections of the Faculties of Linguistics, Cultural and Civilisation Studies, Art Studies, Philosophy and History as well as Theology since 2001. The Faculties of Law/Economics and Business Administration have been set up here in their new building on the Westend campus since the 2008/2009 winter semester, when they moved in during the first stage of construction. Shortly after, on 5 December 2008, the foundation stone was laid for the second stage of construction. In the current stage, further science, teaching and university administration buildings are to be constructed by the year 2012. The institute building for Social Sciences, Educational Sciences, Psychology and Human Geography is being built above a two-level underground car park, with a second building for the central administration. A third new build is to house the Cluster of Excellence for the "Formation of Normative Orders".

In 2009, the State of Hesse acquired more land for building near the Westend campus from federal hands. Housing is being built for the federal employees and customs officials to replace their current federal accommodation on the Westend campus. As the building sites urgently need to be cleared for the next stage of construc-

tion, this project has been integrated into the state's special investment programme. At the same time, the Studentenwerk (organisation for student services) is building a new hall of residence housing 200 in the immediate vicinity. A hall of residence for 450 students has already been set up by the Catholic and Protestant churches on the Westend campus.

SPORTS CAMPUS

Bigger and better: restoration and extension work is also planned for the sports campus in Frankfurt's Bockenheim district. To get the scheme off to a good start, funds totalling €6 million have been provided by the state out of the federal authorities' second economic stimulus package. Students studying sports can look forward to a new lecture theatre with an adjoining cafeteria.

NIEDERRAD CAMPUS

Restoration is progressing at Goethe University hospital: old buildings are being knocked down or restored and new ones are being built. The principle constantly at the heart of this work is to improve workflows by centralisation and better spatial organisation in order, for example, to cut unnecessarily long transport times. For patients this also means greater safety and convenience.

The restoration of the central ward block remains the largest and most obvious building site on the campus. Both sections of Building 23 are being given a self-cleaning silver facade. New soundproofed windows will make patients' rooms quieter and regulate the temperature perfectly. At the same time, restoration has progressed



On the way to the topping out ceremony for the new Biologicum

on the lower floors of the building, which have been completely redesigned and renovated; work is due to be completed in autumn 2012. Over the next few years, extensions are to be added to the south of Building 23 in the form of three further buildings (€231 million). Among other things, these are to house the Ophthalmology Centre, the Otolaryngology Centre, the Centre for Neurology and Neurosurgery and the Institute of Neuroradiology. The hospital pharmacy is located in the basement. The number of intensive and intermediate care beds will also be considerably increased and the central operating unit will gain another eight theatres. Other projects on the horizon are a new services building (€42 million) and the full

infrastructural innovation on the hospital grounds (€78 million). This new services building, directly by the new ward block, will have a central utilities courtyard, as well as a university cafeteria for hospital staff and students.

In September 2009, the restoration of the research and laboratory buildings (Building 74/75) was already completed. Over a period of four years, €28.2 million were invested in the building housing the hospital's Centre for Drug Research, Development and Safety and Goethe University's Faculty of Medical Science ("ZAFES – Molecular Medicine").

At the end of October 2009, the winners

were announced of the architectural competition for a new lecture theatre (winner: AV1 Architekten of Kaiserslautern) and a new teaching, studying and examination centre at Goethe University's Faculty of Medical Science (Wulf & Partner, Stuttgart). The costs for constructing these two buildings come to roughly €21 million; funding comes from the Hesse state government's special investment programme (HEUREKA). As Gerd Krämer, State Secretary at the Hesse Ministry of Higher Education, Research and the Arts, explained, "The new lecture theatre and the teaching and examination centre will give the Faculty of Medical Science modern teaching buildings providing suitable conditions for top-class university teaching."



Massive construction works at the Campus Westend (left) and Universitätsklinikum.

NEW DEVELOPMENTS FOR THE UNIVERSITY ADMINISTRATION IT'S ALL HAPPENING

Equality, family friendliness, internal development opportunities and internationalisation: in 2009, Goethe University took great steps ahead in various areas of reform.

A SUCCESSFUL YEAR FOR EQUALITY POLICY

In 2009, Goethe University cleared the ground in various ways for improving equal opportunities in science. This was helped by the roughly €1.8 million brought in for Goethe University by the summer of 2009 by the Officer for Women's Issues and head of the Gender Equality Office, Dr Anja Wolde, from the federal and state programme for female professors. The funds, to be provided for five years, will not only partly finance three chairs held by renowned female scientists, but also help develop equality schemes. The Gender Equality Office has thus expanded its previous range of services and focal points. Some new schemes are the qualifications' advancement programme "Career Support – Training for Female Scientists", a gender consulting service for university members and the dual career service. The latter is aimed at newly appointed university professors and new scientific associates at the Clusters of Excellence. Above all, the service provides help with finding a position for professors' partners. The "Family Service" mainly focuses on increasing childcare facilities, setting up a network for student parents and raising awareness of problems encountered by workers who are also carers.

WELL-ORGANISED – PROFESSIONAL DEVELOPMENT AT GOETHE UNIVERSITY

At the end of 2007, a basic professional development (PD) strategy was adopted at Goethe University. Since then, in-



Opening ceremony for Zauberberg, the interim day-care centre on Campus Riedberg



struments for structured, systematic PD have been introduced step by step. Monika Herr, head of professional development, explains: "In 2009, the focus was on the three main issues of 'leadership/key positions', 'networks' and 'strategic job-related professionalisation'."

Provisions for leaders

- In 2009, staff development interviews were introduced in a pilot phase at two faculties and selected central administration departments. They are to be introduced step by step throughout Goethe University in 2010.
- On 31 October 2009, a one-day symposium was held for deans to support them in their capacity as leaders. Twenty-eight deans, pro deans and deans of studies from fourteen faculties came together to discuss their roles and the increasing complexity of the fields and managerial tasks with which deans are charged.
- A six-module development programme was developed for managers in administration and scientific management.
- A series of seminars for newly appoint-

ed professors picks up on the questions specifically asked by new appointees and is intended to ease their entry into Goethe University and what is often a new role.

- To provide professors with purposeful, individual support with their new tasks as managers, work started on setting up a coaching pool in 2009.

Other provisions

- New seminars and workshops help secretaries with their professional development.
- Increasing numbers of people are approaching the professional development department for advice. The spectrum extends from queries on individual development opportunities to advice for organisational units facing structural change or wanting to boost team development.
- The professional development department supports university networks for dean's office managers, for technical assistants working in university laboratories, for research coordinators and for secretaries.

INTERNATIONALISATION ACTIVITIES IN 2009 FRANKFURT AND THE WORLD



International Recruitment Manager Dr Mathias Diederich has worked abroad for many years – he was recently in charge of the DAAD Information Centre in Khartoum, Sudan. He now specifically recruits students and up-and-coming scientists from abroad for Goethe University.

Frankfurt am Main is one of the most internationally diverse cities in Germany – people from 180 nations live here. At Goethe University a full eleven per cent of students come from abroad, as well as an increasing number of academics. The university's declared intention is to strengthen internationalism further and to use it as a driving force for quality.

Dr Mathias Diederich has made it his goal to bring the brightest minds in the world to Frankfurt. Since August 2009, he has been working as the International Recruitment Manager at the International Office, purposefully working to attract foreign students and young academics. "Whereas in the past, we trusted that the right kinds of students would find their way here on their own, what we now do is approach our preferred candidates," explains Diederich.

One barrier in attracting foreign students and scholars remains the German language. "But now that we have reached a critical mass when it comes to English Masters degrees, we are becoming more and more attractive to partner universities abroad," comments Dr Martin Bickl, head of the International Office. Yet there is still room for improvement. As Dr Bickl puts it, "We need to offer more of our increasingly popular short-term programmes. That is why we are planning to offer a Winter School in future, alongside our extremely successful International Summer University.

On the other hand, another aim is, of course, to provide the university's own students with interesting options for visiting universities abroad. In 2009, Goethe University was able to attract further renowned partner universities. "As a privately funded 'citizens' university', we have close contacts with the City of Frankfurt. It is with this in mind that we intend to create stronger links between the university's and the city's international activities, as part of a new strategic approach," explains Vice-President Prof Rainer Klump. Just in time for the 20th anniversary of the twinning of Toronto and Frankfurt, for example, Goethe University and the University of Toronto entered into a new partnership, the two universities having already carried out a great deal of cooperative work together.

As it is not possible for all students to go abroad for one semester or more, an "International Campus" programme has been developed to ensure that those who stay behind get first-hand international experience. In the first stage, Goethe University will be inviting some 20 guest lecturers from abroad to Frankfurt each year. This will enable students to experience international teaching material and methods. In November 2009, the first "International Campus" lecturer was Paola Patrignani, a professor of Pharmaceuticals at the Italian University of Chieti.

JOIN IN – A CITIZENS' UNIVERSITY COMES TO LIFE

As a foundation, Goethe University also sees itself as a citizens' university: a connection to the city and the region is important to the university. The university maintains its close relationship to the people of Frankfurt on various levels, for example in the form of public lecture series, campus tours and summer fêtes. In the 2009/2010 winter semester, the activities of the citizens' university were listed for the first time in a special brochure, which came out just in time for the first series of public lectures. The lecture series on popular science topics are aimed at anyone in Frankfurt who is interested in the subject. The university also takes its events right to the people: venues for the series "How we developed, who we are – German biographies" included a cabaret theatre, Frankfurt Zoo and the city library. And opportunities were again available in 2009 for anyone past their student years wanting to experience academia up close. They were able to take part in specially selected trips with teachers and students, for example retracing the Elizabethan Age in Great Britain or identifying fungi in Austria's Kleinwalsertal valley.

Goethe University welcomes you:
a poster for Frankfurt's citizens' university



TIMELINE QUICK OVERVIEW OF 2009

1 JANUARY | UNIVERSITY POLICY

Prof Werner Müller-Esterl became the new Goethe University President. He took over the office from Prof Rudolf Steinberg, who had played a crucial role in preparing for Goethe University's change to a foundation under public law.

28 JANUARY | UNIVERSITY POLICY

Goethe University senate elected four new Vice-Presidents: Prof Maria Roser Valenti, Prof Rainer Klump, Prof Matthias Lutz-Bachmann and Prof Manfred Schubert-Zsilavecz.

11 FEBRUARY | PERSONNEL

The Federal Ministry of Finance elected Prof Andreas Hackethal from the House of Finance for a five-year period on the advisory council of the Federal Financial Supervisory Authority (BaFin).

24 FEBRUARY | FOUNDATION PROFESSORSHIP

The non-profit Hertie Foundation set up a foundation professorship at Goethe University for research into childhood teaching and learning. The "Rudolf Steinberg foundation professorship" will be based at the Faculty of Psychology and Sports Sciences.

5 MARCH | PRIVATELY FUNDED UNIVERSITY

The Frankfurt entrepreneur Claus Wisser and President Prof Werner Müller-Esterl set the seal on the introduction of a post-graduate scholarship on "The working environment and living conditions of people in poorly paid work". For an initial period of two years, Wisser's company WISAG will be providing the university with €45,000 to support a total of three proposed doctoral theses.

9 MARCH | TRIBUTES

The "Forest of the Future" project at the LOEWE Biodiversity and Climate Research Centre (BiK-F) won an award in the innovation competition run by the location marketing scheme "Germany – Land of Ideas".

24 APRIL | TRIBUTES

The physicist Horst Schmidt-Böcking, retired Goethe University professor, was awarded a First Class Order of Merit of the Federal Republic of Germany (Bundesverdienstkreuz).

28 MAY | FAMILY-FRIENDLY UNIVERSITY

The "Zauberberg" day-care centre was opened on the Riedberg campus.

19 JUNE | EVENTS

Night of Science: the faculties on the Riedberg campus presented themselves in an entertaining, informative manner all night long with lectures and experiments.

2 JULY | TRIBUTES

The Association of Friends and Supporters of Goethe University gave out prizes for outstanding degree work, dissertations and postdoctoral theses.

3 JULY | CITIZENS' UNIVERSITY / EVENTS

The Westend campus presented itself with the motto "Woken with a kiss!" at a big summer fête.

15 JULY | TRIBUTES

The Frankfurt researchers Prof Roswitha and Prof Wolfgang Wilschko were made Honorary Fellows of the Royal Institute of Navigation. They received the certificates from the institute's patron, His Royal Highness Prince Philip, The Duke of Edinburgh.

17 JULY | TRIBUTES

Ceremony for the winners of the "1822 Foundation and University Award for Excellent Teaching"

9–21 AUGUST | SUPPORT FOR SCHOOLS / CITIZENS' UNIVERSITY

The Hesse Schools Academy, run by Goethe University, took place for the fifth time at Burg Fürsteneck castle near Fulda. The event, aimed at gifted and interested schoolchildren, provides insights into physics, computer science, mathematics and politics.

29 SEPTEMBER | TRIBUTES

The 2010 Paul Ehrlich and Ludwig Darmstaedter Award, worth €60,000, went to the Frankfurt biologist Prof Amparo Acker-Palm from the "Macromolecular Complexes" Cluster of Excellence.

2 OCTOBER | NEW INSTITUTIONS

The "Institut Français d'Histoire en Allemagne" took up work at Goethe University.

15 OCTOBER | CAMPUS MODERNISATION

Topping out ceremony on the Riedberg campus for the departmental library with lecture theatre centre and cafeteria

13 NOVEMBER | GRADUATE SUPPORT

Opening ceremony for the Graduate Academy for Life and Natural Sciences (GRADE)

20 NOVEMBER | UNIVERSITY POLICY

The extended senate elected Prof Rainer Klump as the first full-time Vice-President of Goethe University.

23 NOVEMBER | NEW INSTITUTIONS

Foundation ceremony for the Frankfurt Research Center for Postcolonial Studies (FRCPS)

24 NOVEMBER | EVENTS

Public panel discussion on the topic of "What kind of teaching does the university need?"

30 NOVEMBER | EDUCATION STRIKE

Students occupied the historical Casino canteen on the Westend campus as part of the education strike

1 DECEMBER | EVENTS

Highlight of the festivities celebrating 50 years of the Frankfurt poetry readings: the poet, essayist and translator Durs Grünbein spoke on the topic "On the value of the word".

2 DECEMBER | EDUCATION STRIKE

After increasing vandalism and damage running to six figures, Goethe University called in the police to clear students occupying the Casino canteen.

3 DECEMBER | TRIBUTES

Prof Roman Inderst, economist at Goethe University, was awarded the 2010 Gottfried Wilhelm Leibniz Prize, worth €2.5 million.

11 DECEMBER | RANKINGS

In the latest CHE research rankings, five of the fifteen subjects assessed at Goethe University were in the top group: business management, chemistry, educational sciences, history and pharmaceuticals. Overall, Goethe University came in at 12th place among the 85 German universities.

15 DECEMBER | TRIBUTES

Prof Rudolf Steinberg, for many years President of Goethe University, was awarded the Hesse Order of Merit.



FACTS & FIGURES



STUDENTS

Distribution of Students by Faculty (WS 2009/2010)

Faculty	Total students					
	Total		Female		International students	
	non-TT*	TT	non-TT	TT	non-TT	TT
Law	3,652	0	2,000	0	344	0
Economics and Bus. Admin.	4,116	0	1,755	0	775	0
Social Sciences	2,470	204	1,238	78	311	3
Educational Sciences	2,063	520	1,721	378	244	3
Psychol. & Sports Sciences	1,275	244	781	83	100	4
Protestant Theology	400	88	250	59	38	0
Roman Catholic Theology	98	97	42	69	16	2
Philosophy & History	1,379	428	586	199	111	11
Ling., Cult. & Civ. Stud., Art	2,222	240	1,567	179	218	4
Modern Languages	2,946	1,804	2,246	1,373	495	68
Geosc. and Geography	1,168	159	508	88	98	6
Comp. Sc. & Mathematics	1,286	1,045	390	773	221	20
Physics	905	68	212	26	95	3
Biochem., Chem. & Pharm.	1,868	113	1,071	66	194	5
Biological Sciences	1,236	229	700	149	73	3
Medical Science	3,530	0	2180	0	362	0
Total	30,614	5,239	17,247	3,520	3,695	132

* TT = Teacher Training

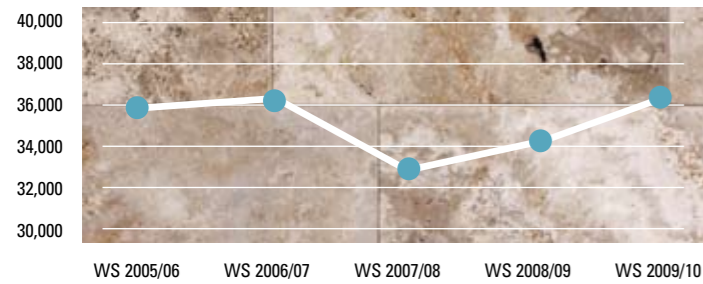
Students in 1st semester (WS 2009/2010)

Faculty	Students in 1st semester						
	Total		On leave	Female		International students	
	non-TT	TT		non-TT	TT	non-TT	TT
Law	476	0	68	302	0	121	0
Economics and Bus. Admin.	862	0	219	405	0	209	0
Social Sciences	449	56	78	251	18	82	0
Educational Sciences	191	95	55	169	85	28	0
Psychol. & Sports Sciences	186	28	40	113	9	13	0
Protestant Theology	121	2	11	81	1	8	0
Roman Catholic Theology	17	13	2	8	9	1	0
Philosophy & History	330	72	23	143	32	31	3
Ling., Cult. & Civ. Stud., Art	538	31	63	371	24	63	1
Modern Languages	659	256	129	520	204	92	10
Geosc. and Geography	480	38	11	209	24	40	3
Comp. Sc. & Mathematics	413	201	18	139	161	46	4
Physics	218	16	7	72	8	24	2
Biochem., Chem. & Pharm.	265	21	16	149	13	35	1
Biological Sciences	248	74	10	144	50	13	3
Medical Science	593	0	25	379	0	85	0
Total	6,046	903	775	3,455	638	883	27

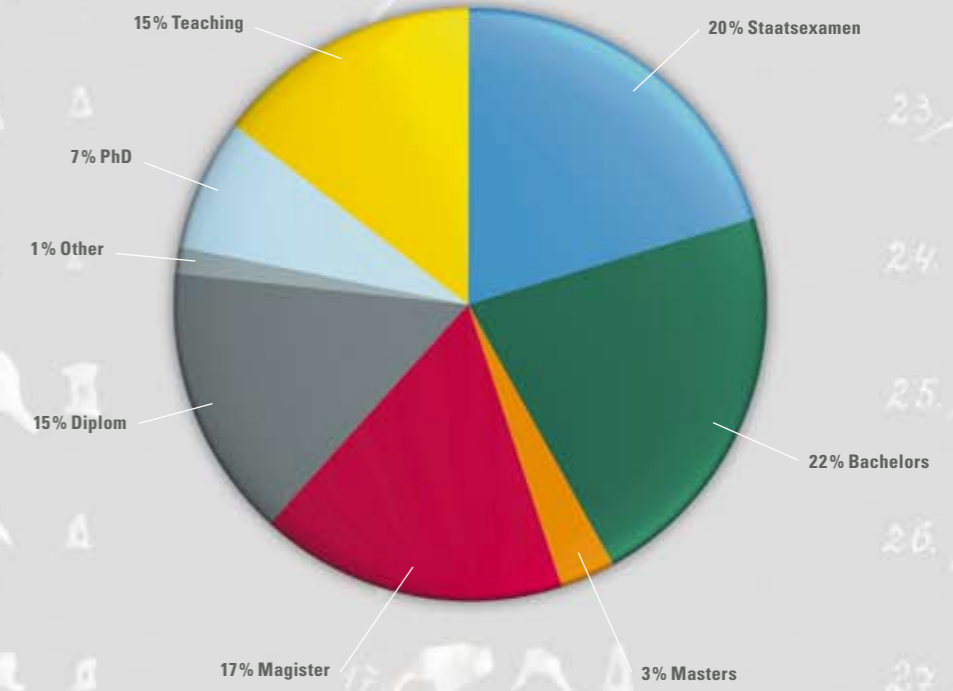
Development of Student Figures for Winter Semester 2005/6 – Winter Semester 2009/10

Semester	WS 2005/06	WS 2006/07	WS 2007/08	WS 2008/09	WS 2009/10
total students*	35,911	36,304	32,849	34,305	36,630
of whom women	20,545	20,942	18,826	19,885	21,319
Students in 1st semester*	5,556	6,061	4,796	6,189	6,984
of whom women	3,400	3,592	2,879	3,609	4,123

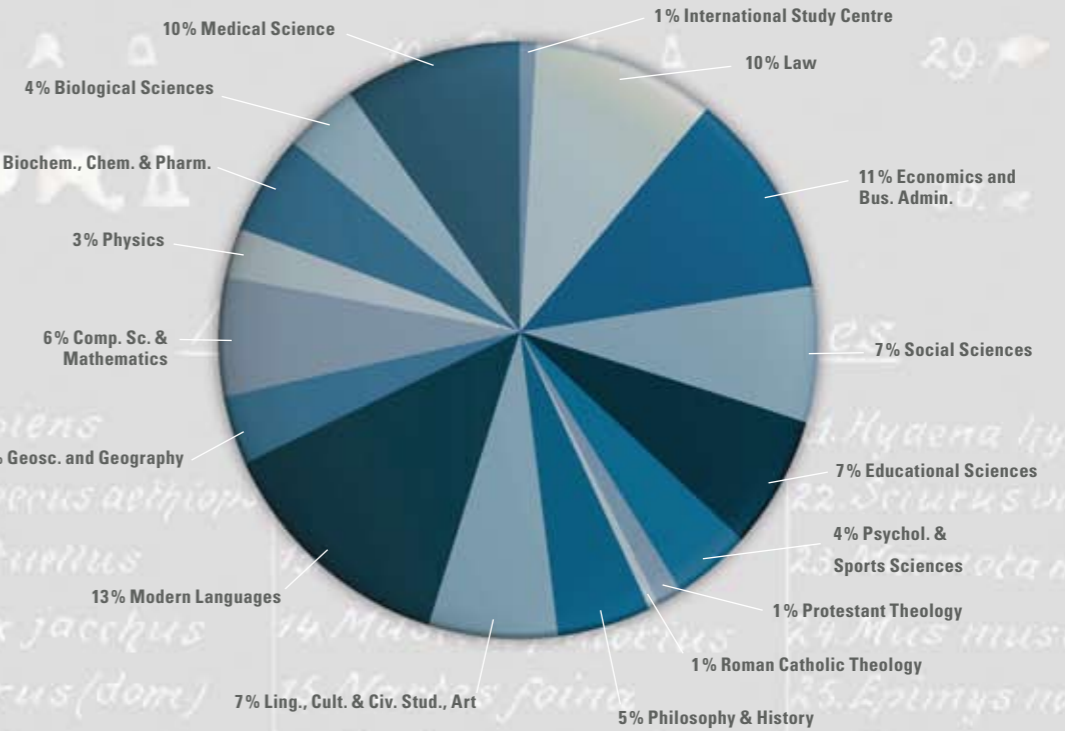
*= including students on leave



Distribution of Students by Desired Qualification



Distribution of Students by Faculty



DEGREES

Graduates on Main Degree Courses

Faculties	2008				2009			
	1st degree*		Teaching		1st degree*		Teaching	
	M	W	M	W	M	W	M	W
Law	163	157	0	0	128	162	0	0
Economics and Business Administration	351	268	0	0	439	358	0	0
Social Sciences	90	128	15	15	107	123	12	16
Educational Sciences	36	198	13	43	41	219	30	78
Psychology and Sports Sciences	50	95	27	40	62	109	37	33
Protestant Theology	2	4	2	16	3	10	3	18
Roman Catholic Theology	0	2	3	37	1	3	6	14
Philosophy and History	39	26	23	25	31	21	39	32
Linguistics, Cult. and Civ. Stud., Art Stud.	21	107	7	39	52	122	19	44
Modern Languages	28	208	46	303	53	200	45	326
Geosciences and Geography	30	17	7	15	29	29	7	11
Computer Science and Mathematics	54	20	38	69	69	18	28	62
Physics	29	7	4	2	31	12	3	3
Biochemistry, Chemistry and Pharmacy	37	95	8	4	65	126	6	5
Biological Sciences	56	70	13	23	54	74	10	29
Medical Science	138	216	0	0	138	204	0	0
Total	1,124	1,618	206	631	1,303	1,790	245	671
Percent**	41 %	59 %	25 %	75 %	42 %	58 %	27 %	73 %
Per cent***	31.41 %	45.21 %	5.76 %	17.63 %	32.50 %	44.65 %	6.11 %	16.74 %

* 1st Staatsexamen, Diplom, Magister (1st main subject), Bachelors, Masters, etc.
 ** Percentage for this type of degree
 *** Percentage of total graduate figure

Courses Conferring Higher Qualifications

Faculties	2008				2009			
	PhD		Habil.		PhD		Habil.	
	M	W	M	W	M	W	M	W
Law	45	28	1	0	38	26	1	0
Economics and Business Administration	40	6	0	0	26	7	2	0
Social Sciences	14	12	2	0	4	14	0	3
Educational Sciences	8	8	1	0	5	4	0	0
Psychology and Sports Sciences	4	4	2	0	5	14	1	0
Protestant Theology	3	0	0	0	5	1	0	0
Roman Catholic Theology	6	0	0	0	7	1	0	0
Philosophy and History	15	10	3	1	17	6	3	2
Linguistics, Cult. and Civ. Stud., Art Stud.	7	8	1	2	8	13	1	4
Modern Languages	5	8	0	2	6	13	2	2
Geosciences and Geography	6	6	3	2	8	6	0	0
Computer Science and Mathematics	7	0	0	0	11	3	0	0
Physics	28	4	2	0	16	10	1	0
Biochemistry, Chemistry and Pharmacy	45	32	1	0	53	46	1	0
Biological Sciences	31	23	1	1	26	29	2	0
Medical Science	82	90	19	6	82	90	18	4
Total	346	239	36	14	317	283	32	15
Percent**	59 %	41 %	72 %	28 %	53 %	47 %	68 %	32 %
Per cent***	54.49 %	37.64 %	5.67 %	2.20 %	49.00 %	43.74 %	4.95 %	2.32 %

** Percentage for this type of degree
 *** Percentage of total graduate figure

PhD and lecturing qualifications 2005–2009

Faculties	2005		2006		2007		2008		2009	
	PhD	Habil.	PhD	Habil.	PhD	Habil.	PhD	Habil.	PhD	Habil.
Law	75	4	71	5	77	7	73	1	64	1
Economics and Business Administration	45	6	49	6	31	4	46	0	33	2
Social Sciences	22	4	19	4	11	2	26	2	18	3
Educational Sciences	10	0	14	0	15	1	16	1	9	0
Psychology and Sports Sciences	11	2	7	1	18	2	8	2	19	1
Protestant Theology	5	3	4	2	4	1	3	0	6	0
Roman Catholic Theology	1	0	4	0	11	0	6	0	8	0
Philosophy and History	20	4	23	2	13	2	25	4	23	5
Linguistics, Cult. and Civ. Stud., Art Stud.	20	8	28	1	27	5	15	3	21	5
Modern Languages	14	2	24	2	21	2	13	2	19	4
Geosciences and Geography	13	1	11	1	9	1	12	5	14	0
Computer Science and Mathematics	5	2	8	1	14	0	7	0	14	0
Physics	29	1	26	0	20	3	32	2	26	1
Biochemistry, Chemistry and Pharmacy	84	1	101	0	87	4	77	1	99	1
Biological Sciences	35	3	38	1	35	2	54	2	55	2
Medical Science	181	29	210	28	172	24	172	25	172	22
Total	570	70	637	54	565	60	585	50	600	47

Source and use of funding 2009

Revenue	in Euro
Consumptive and Investment State Subsidy	298,243,241
QA Funding *	19,192,139
Innovation Fund	3,996,000
Hochschulpakt 2020	1,691,500
Total Revenue	323,122,880

Expenditure	in Euro
Material Costs	104,426,389
Staff Expenditure	195,652,738
QA Funds (material costs and staff exp.)	15,535,566
Interdepartmental Cost Allocation	1,068,853
Total Expenditure	316,683,546

* Fund to improve quality of degree course conditions and of teaching



Performance-based distribution of funds 2009

Faculties	Success Parameters (SPs)										Total (SPs) 2008 ACT. SB 2009				Change between SB 2008 and SB 2009									
	Teaching		EF		Grad.		G/s ratio		PhD		PhD/g ratio		Habilitation		W1		W2		W3		Difference to 2008		SB 2009	
	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%	€K	%
1	201	16%	182	12%	256	12%	9	1%	185	8%	14	1%	6	1%	27	1%	5	1%	7	1%	90	11.3%	802	847
2	213	16%	821	12%	256	12%	9	1%	104	8%	4	1%	6	1%	27	1%	5	1%	4	1%	129	9.8%	1,320	1,385
3	133	10%	209	12%	156	12%	8	1%	43	3%	4	1%	8	1%	17	1%	11	1%	9	1%	-80	-5.9%	678	638
4	253	19%	127	9%	131	10%	7	1%	32	2%	2	1%	13	1%	2	1%	11	1%	5	1%	-15	-2.6%	588	590
5	145	11%	241	16%	108	10%	9	1%	30	2%	2	1%	13	1%	8	1%	11	1%	12	1%	19	3.4%	560	569
6	22	1%	51	4%	28	2%	9	1%	11	1%	4	1%	13	1%	10	1%	11	1%	8	1%	7	4.6%	160	164
7	12	1%	34	2%	11	1%	7	1%	13	1%	18	1%	3	1%	0	1%	11	1%	3	0.6%	113	114		
8	70	5%	389	26%	40	3%	1	1%	46	3%	10	1%	6	1%	13	1%	11	1%	8	3.0%	579	588		
9	106	8%	601	42%	86	6%	5	1%	62	4%	6	1%	13	1%	23	1%	11	1%	14	1.0%	919	923		
10	149	11%	213	15%	204	15%	4	1%	49	3%	2	1%	13	1%	10	1%	11	1%	0	-13.8%	761	708		
11	71	5%	758	53%	23	2%	2	1%	27	2%	4	1%	3	1%	5	1%	3	1%	17	17.1%	781	848		
12	122	9%	281	20%	57	4%	4	1%	22	1%	2	1%	1	1%	3	1%	1	1%	0	1.1%	487	490		
13	113	8%	913	65%	16	1%	1	1%	62	4%	6	1%	3	1%	7	1%	2	1%	7	10.8%	1,019	1,075		
14	269	20%	2,130	153%	82	6%	6	1%	226	16%	4	1%	13	1%	8	1%	5	1%	25	26.9%	2,182	2,475		
15	157	12%	910	65%	69	5%	3	1%	90	6%	2	1%	8	1%	12	1%	11	1%	2	13.3%	1,116	1,190		
Summe	2,036	16%	7,859	58%	1,523	12%	85	1%	1,003	8%	85	1%	123	1%	172	1%	123	1%	123	8.7%	12,076	12,604		
16	710	5%	5,703	42%	233	17%	5	1%	283	2%	2	1%	12	1%	44	1%	8	1%	0	2.7%	6,816	6,908		

The success parameters are: external funding expenditure (EF), teaching load purs. to German Capital Resources Regulation - KapVo - (Teaching), graduates (Grad.), graduate/student ratio (G/s ratio), no. of PhDs (PhD), PhD/graduate ratio (PhD/g ratio), no. of lecturing qualifications (Habilitation), female PhD/graduate ratio (W1), female scientific associate/graduate ratio (W2), female professor/female scientific associate ratio (W3).

* figure rounded up/down.

Abbreviations

- PY Previous year
- SP Success parameter
- TT Teacher training
- EF External funding
- Grad Graduates
- Habil. Lecturing quals
- W Women's advancement
- SB Success Budget

EXTERNAL FUNDING

External Funding Revenue 2009 in Euro

Faculties/Other Facilities	External Funding, 2009 ¹
Law	7,277,636
Economics and Business Administration	6,390,830
Social Sciences	1,613,843
Educational Sciences	1,024,781
Psychology and Sports Sciences	1,980,202
Protestant Theology	245,962
Roman Catholic Theology	207,872
Philosophy and History	2,541,341
Linguistics, Cult. and Civ. Stud., Art Stud.	3,158,100
Modern Languages	1,722,509
Geosciences and Geography	5,303,995
Computer Science and Mathematics	3,183,215
Physics	9,859,047
Biochemistry, Chemistry and Pharmacy	17,841,773
Biological Sciences	8,879,111
Medical Science	47,844,184
Faculties Total	119,074,402
Other Facilities ²	18,371,354
Overall Result	137,445,756

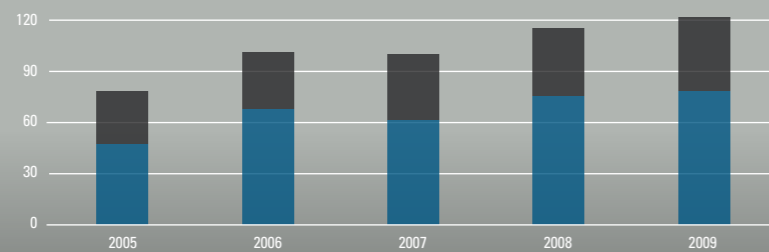
¹ Without faculty-specific distribution of external funding from collaborative research centres, Clusters of Excellence, etc.

² Including programme allowances of €5.2 million

External Fund Expenditure 2005–2009

Faculties / Other and Scientific Facilities	2005	2006	2007	2008	2009
01 Law incl. Institute for Law and Finance	1,345,728	1,415,274	1,857,997	3,160,843	6,537,790
02 Economics and Business Administration	4,342,553	4,765,208	4,498,173	5,723,605	6,255,497
03 Social Sciences	1,368,494	920,562	710,701	930,785	1,402,442
04 Educational Sciences	477,362	747,855	634,565	543,477	905,736
05 Psychology and Sports Sciences	1,153,931	1,425,513	1,429,646	1,587,869	1,971,020
06 Protestant Theology	231,914	237,732	286,669	313,419	428,585
07 Roman Catholic Theology	213,953	222,448	194,337	257,797	209,969
08 Philosophy and History	2,126,459	1,804,864	2,684,331	2,412,211	2,481,706
09 Linguistics, Cultural and Civilisation Studies, Art Studies	1,673,544	2,416,777	2,492,975	2,698,832	2,762,792
10 Modern Languages	1,263,649	1,179,205	1,511,477	1,360,373	1,768,451
11 Geosciences and Geography	3,240,904	4,665,193	4,463,546	6,545,603	4,666,418
12 Computer Science and Mathematics	520,954	1,793,532	1,619,935	1,339,710	2,485,691
13 Physics incl. FIAS	6,186,600	7,092,639	7,947,983	10,618,134	9,529,446
14 Biochemistry, Chemistry and Pharmacy	10,395,233	15,376,686	13,847,739	17,577,466	17,487,564
15 Biological Sciences	6,540,846	3,957,619	5,450,638	7,463,185	8,096,433
16 Medical Science	30,451,125	30,885,091	39,870,477	39,934,209	42,168,708
Scientific Centres	1,420,115	1,181,526	674,810	1,816,257	824,730
Library System	4,745,503	17,310,228	6,912,660	5,575,358	6,499,886
Central Technological Operating Centres	326,505	38,631	259,051	335,428	380,693
Administration	787,731	2,475,254	1,823,768	4,518,956	3,383,474
Overall Result	78,813,103	99,911,836	99,171,478	114,713,520	120,247,031

Explanation: Report without faculty-specific distribution of external fund expenditure from collaborative research centres, Clusters of Excellence, etc. Since the start of 2006, the Institute for Computer Science has been part of the Mathematics faculty; before it was part of the Biology faculty. From 2008, the Institute for Advanced Studies in the Human Sciences will be included among the scientific centres.

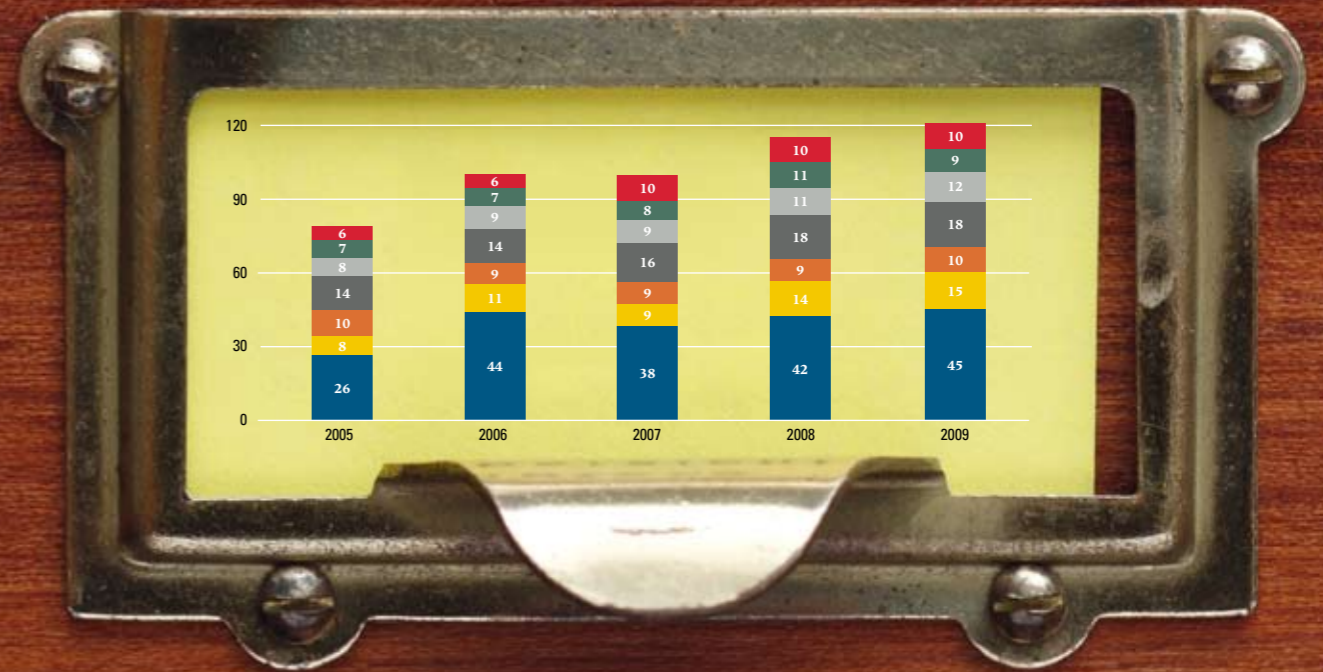


Medical Science University w/o medicine

External Funding Revenue by Funding Body 2005–2009

	2005	2006	2007	2008	2009
DFG Funds	37,321,860	33,754,028	44,693,624	42,132,212	55,337,683
of which funds from Inits. for Exc.			3,436,840	7,463,283	11,067,435
EU Funds	8,428,839	10,099,717	7,294,181	14,440,767	13,974,545
Federal Funds	11,518,118	8,467,527	8,793,979	8,673,287	11,167,687
Industry Funds	15,313,516	15,404,774	21,551,064	21,700,460	23,198,207
Contract Research	10,457,840	9,047,340	11,760,248	11,430,501	13,899,799
Donations	7,315,472	6,954,494	9,598,230	11,446,733	9,851,740
Other	5,704,814	6,433,596	8,793,204	10,422,571	10,016,094
Total for Entire University	96,060,459	90,161,476	112,484,530	120,246,531	137,445,756
of which Medicine	34,032,700	30,303,204	45,311,665	41,993,679	47,844,184
Core university	62,027,758	59,858,273	67,172,865	78,252,852	89,601,572

External Fund Expenditure by Funding Body 2005–2009 in millions of €



Other
Donations
Contract Research
Industry Funds
Federal Funds
EU Funds
DFG Funds

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