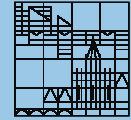




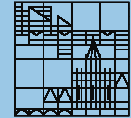
# **Excellence at the University of Konstanz**

## **- Past, Present, and Future -**



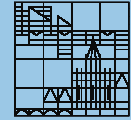
- 1966**      **Foundation and first lectures**
- 1972**      **Opening of the university campus at the Gießberg**
- 2007**      **Awarded the status „Excellence University“**





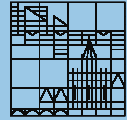
## Faculties and Departments

| Faculty of Sciences                    |                                  |
|--|----------------------------------|
| Departments                            | Mathematics and Statistics       |
|  | Computer and Information Science |
|  | Physics                          |
|  | Chemistry                        |
|  | Biology                          |
|  | Psychology                       |
| Faculty of Humanities                  |                                  |
| Departments                            | Philosophy                       |
|  | History and Sociology            |
|  | Literature science               |
|  | Linguistics                      |
| Faculty of Law, Economics and Politics |                                  |
| Departments                            | School of Law                    |
|  | Economics                        |
|  | Politics and Management          |



## Enrolled Students, Staff, and Budget (2009/10)

|                              |  |
|------------------------------|--|
| <b>Students:</b>             | <b><u>9,528</u></b> female: 5,280 (55.4 %)<br>male: 4,248 (44.6 %) |
| <b>Freshmen:</b>             | 1,901  |
| <b>Foreign Students:</b>     | <b><u>1,214</u></b> (12.7 %)                                       |
| <b>Staff:</b>                | <b><u>2,011</u></b>  |
| <b>Academic Staff:</b>       | 1,110  |
| Faculty:                     | 176  |
| Non-faculty:                 | 934  |
| <b>Non Academic Staff:</b>   | 901  |
| <b>Budget (in Mio Euro):</b> | <b><u>126</u></b>  |
| Federal State Funding        | 74   |
| Third-party Funding          | 47   |
| Tuition Fees                 | 5  |



## Bachelor, Master and Doctoral Degree Programs

**24** Bachelor Programs (major subject)

**19** Bachelor Programs (minor subject)

**30** Masters Programs

**17** Doctoral Programs

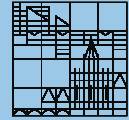
+ **4** „Graduiertenkollegs“ (research training groups)

**3** Double Degree Programs

**7** International Programs (Master and PhD Level)

- *International Economic Relations*
- *International Studies in Sports Sciences*
- *Computer Science and Informatics*
- *British and American Studies*
- *English Language and Linguistics*
- *Quantitative Economics*
- *Soft Condensed Matter*





## International Exchange Programs

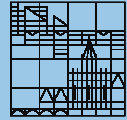
**200** ERASMUS-Programs (European program)

**30** Programs for students exchange with non-european universities

**37** Departmental partnerships

**30** Direct partnerships

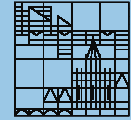




## Primary Research Areas

- Solid State Physics (Modern Optics and Photonics, Nanophysics)
- Chemical Biology, Ecology, Molecular Cell Biology
- Chemical Material Science
- Computer Science - Visualization, Graphics and Visual Analytics
- Experimental and Clinical Psychology
- Humanities - Cultural History and Linguistics
- Cultural and Social Sciences
- Psycho-Economics, Public Policy, Finance and Econometrics
- Politics and Management





## Public-funded Research

**4 Collaborative Research Centers (DFG)**

**6 Research Units (DFG)**

**5 Research Training Groups (DFG)**

**3 Research Centers** (with internal and State Government funding)

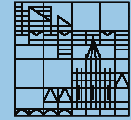
Many **EU networks** and projects

## „Excellence Initiative“ Research

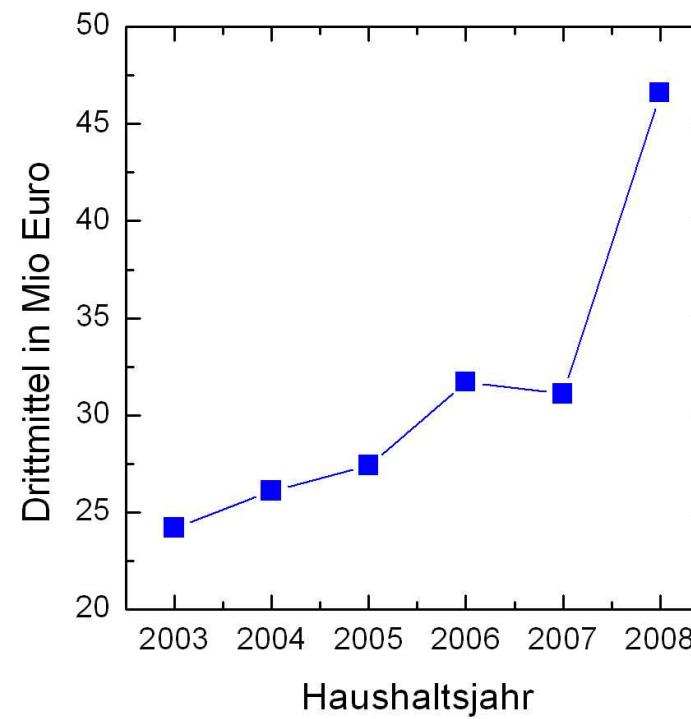
**Cluster** “*Cultural Foundations of Integration*”

**Graduate School** „*Chemical Biology*“



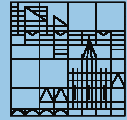


## Third-party Funding



Funding per professor/scientist: 188,721€ / 72,500 € (2<sup>nd</sup> rank in Germany)

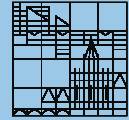




## Core Changes over the last Decade

- The **retirement** of 65 % of our faculty within a period of 5 years
- A corresponding rearrangement of **primary research interests** and **fields**
- An accompanying increased tendency towards **interdisciplinary research**
- A rapid transition from a **one-phase** diploma or magister study to a **two-phase Bachelor/Master** degree system
- A slow but steady shift from **basic to project funding**
- The profound impact of **Germany's Federal and State Excellence Initiative** since its implementation in 2006







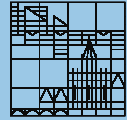
## General Goals of the Excellence Initiative

**Strengthening** science and research in Germany **in the long term**

**Improving** its **international competitiveness**

**Raising** the profile of the **top performers** in academia and research





## The German Federal and State Excellence Initiative

**Duration:** 2006 – 2012

**Total Budget:** 1.9 billion Euros

### 2 Rounds of Funding

1st announcement 2005    Funding decision Oct. 2006

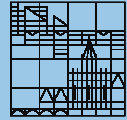
2nd announcement 2006    Funding decision Oct. 2007

### 3 Funding Lines

40 Graduate Schools    1 million Euros per graduate school annually

30 Clusters of Excellence    6.5 million Euros per cluster of excellence annually

10 Institutional Strategies    20 million Euros per institutional strategy annually

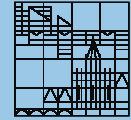


## First Funding Line: Graduate Schools

**Providing ideal conditions for doctoral students** within a broad scientific area and of international visibility

**Playing** a key role in developing **internationally competitive centers of top-level research and scientific excellence** in Germany

**Encouraging** students to be **active members** of their academic and social communities



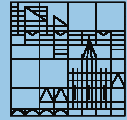
## Second Funding Line: Clusters of Excellence

**Establishing** internationally visible and highly competitive research and training facilities

**Enhancing** scientific **networking and cooperation** among participating institutions/departments

**Forming** an important part of the university's **strategic and thematic planning**

**Raising** the profile of the university's **long-term priorities**

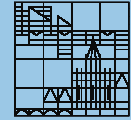


## Third Funding Line: Long-Term Institutional Strategies

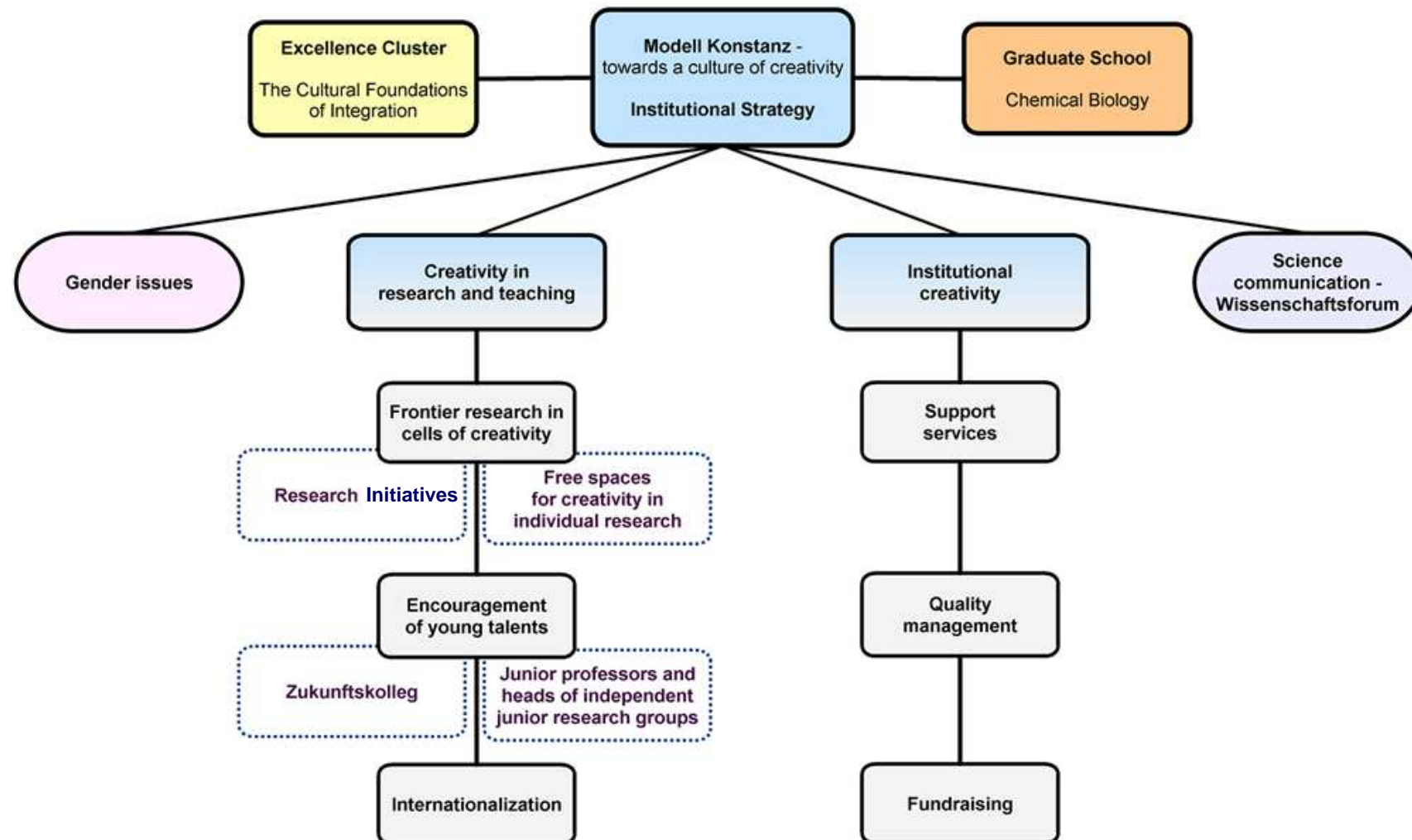
**Identifying and fostering** top-level university research

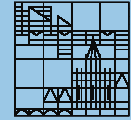
**Increasing** its international profile and competitiveness

**Empowering** the host institutions to establish themselves  
as leading universities



## University of Konstanz – Excellence Initiative





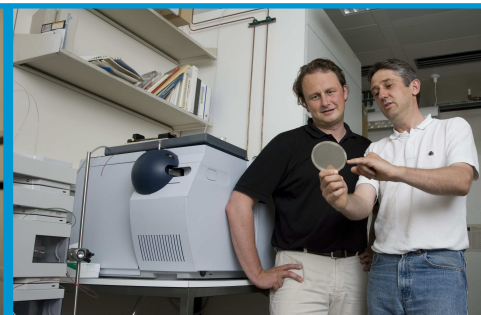
**Aim:** Excellent research and graduate training at the interface of Biology and Chemistry.

**Research Areas:** “Tracking down the molecular building blocks of life” by

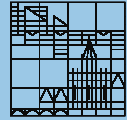
Synthetic Chemistry  
Cellular Biochemistry  
Biomedicine  
Computational Biology  
Biophysics



**Involved Departments:** Biology, Chemistry, Computer Sciences





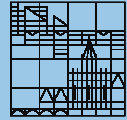


CENTER OF EXCELLENCE

## Cultural Foundations of Integration

UNIVERSITY OF KONSTANZ

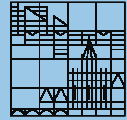
- **Analyzing** processes of **social integration and desintegration**
- **Focussing** on „areas“, where processes of **integration and disintegration cross**
- Bringing together **fundamental research** in the humanities and social sciences
- **Applying** a broad variety of research instruments
- **Aligning** junior research groups, Bachelor, Master, and PhD programs to the **cluster's research focus**



# Institutional Strategy

## „Modell Konstanz – Towards a Culture of Creativity“





## **Institutional Strategies (1<sup>st</sup> Round; 2006):**

Universität Karlsruhe

Universität München

Technische Universität München

## **Institutional Strategies (2<sup>nd</sup> Round; 2007):**

Universität Konstanz

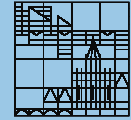
RWTH Aachen

Freie Universität Berlin

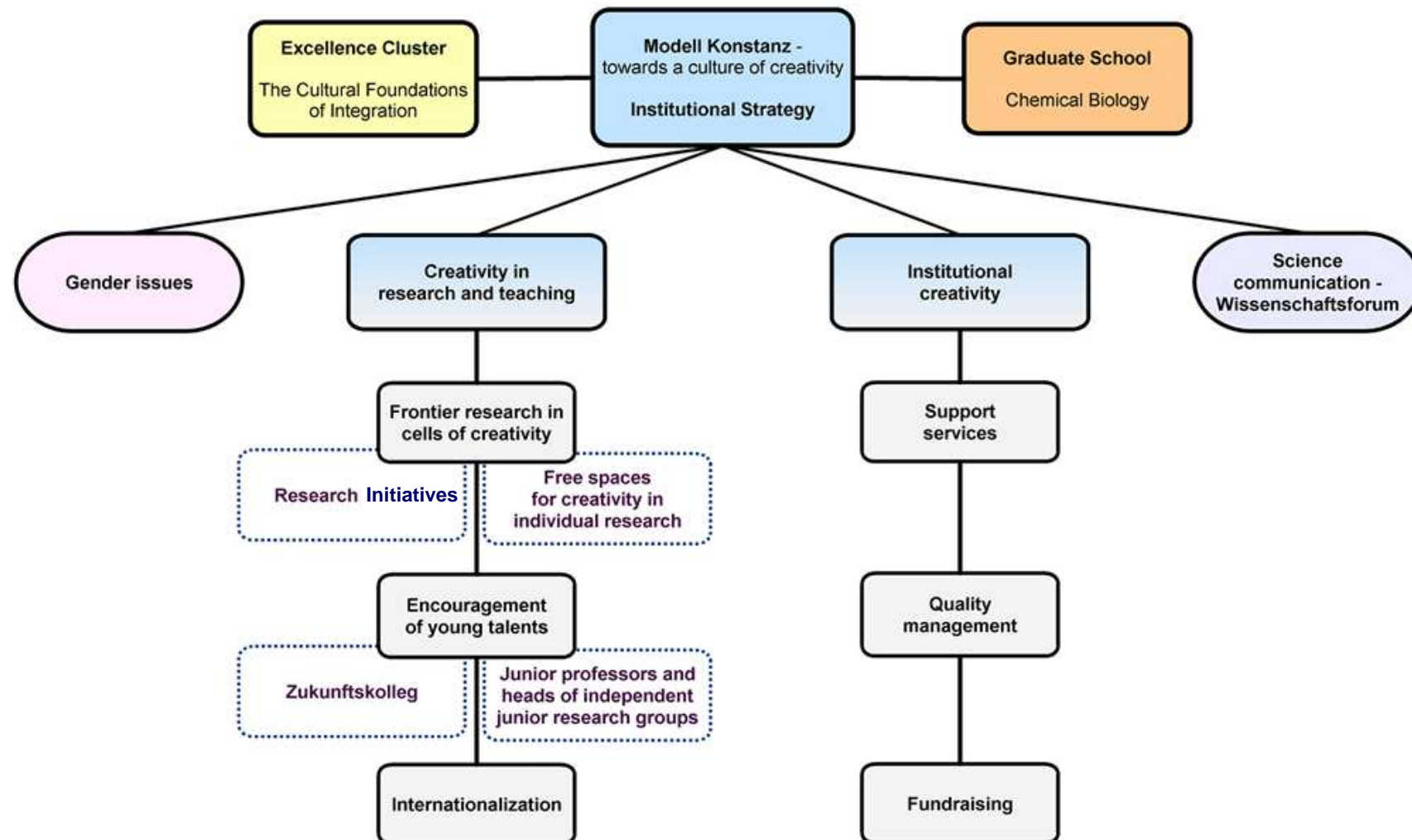
Universität Freiburg

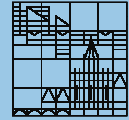
Universität Göttingen

Universität Heidelberg



## University of Konstanz – Excellence Initiative





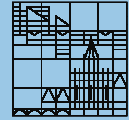
## The more than 20 Currently Approved Research Initiatives are ...

**Breeding grounds** for innovative **interdisciplinary concepts**

**Structures** in which new **bottom-up ideas** are converted into **externally funded research projects**

**Restricted** to a 2 year period

**Supported** by „**Infrastructural Platforms**“ and „**Free Spaces for Creativity**“



## The Center for Junior Research Fellows „Zukunftskolleg“ Provides ..

**5 year postdoctoral fellowships**

an outstanding **supportive** and **stimulating environment**

an unique **interdisciplinary community**

**membership** in both the **Zukunftskolleg** and a **University department**

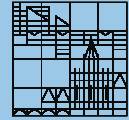
mentoring by renowned senior  
scholars (**senior fellowships**)

Personnel & material **resources**

Flexible and service-oriented  
**infrastructures**







## Research and Student Support Services

The **International Welcome Center** provides relocation support and assistance dealing with governmental and financial institutions

The **Student Service Center** provides integrated support for all student's needs

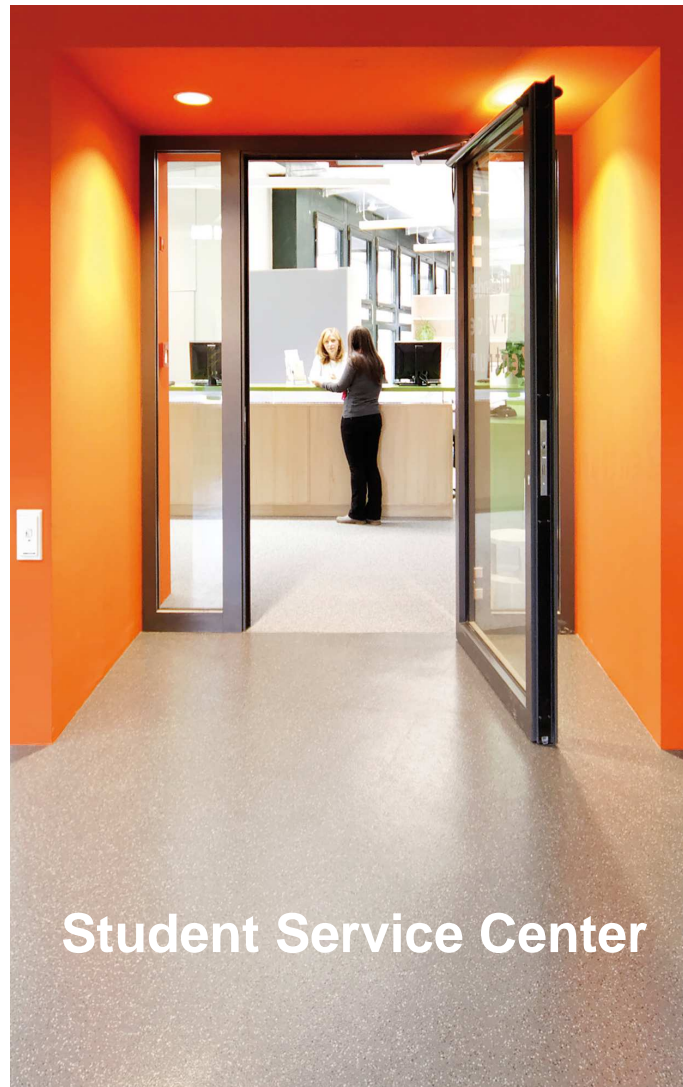
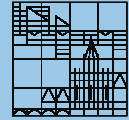
The **Research Administrative Support** assists researchers through the whole third party funding process

The **Quality Management Department** monitors/evaluates/reports on all academic and administrative processes

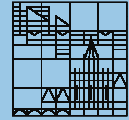
The **Academic Staff Development Unit** provides a full range of hard and soft skill support for young academics

**Event and Conference Management Services**

**Alumni and Fundraising Organisation**



Student Service Center



## Gender Sensitivity

Certified as **family friendly university** by the Hertie Foundation since 2006

On campus **day care** for up to 100 kids in the **Children's House**

**Maternity** and **parental leave stipends** for graduate students

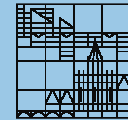
Flexible at **home child care in case of illness** or on the road during **conference participations**

**School holiday programs** for children of employees

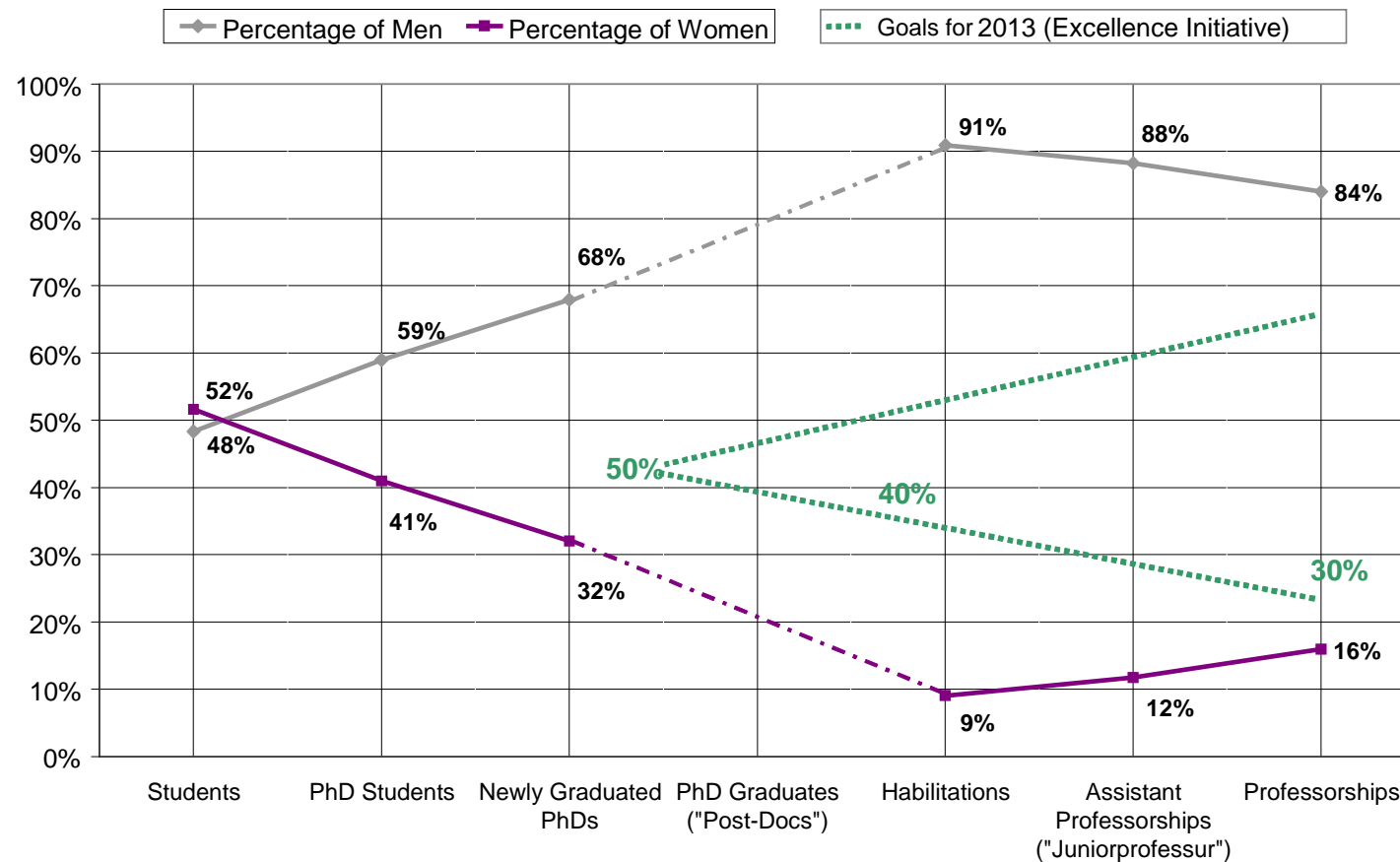
**Active recruitment** of female researchers at all qualification levels

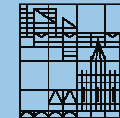
**Career counseling** for female researchers

**Dual career couple services (DCC)** within a regional network



## Loss of Qualified Female Researchers - "Leaky Pipeline" 2007





## Loss of Qualified Female Researchers - "Leaky Pipeline" 2009

