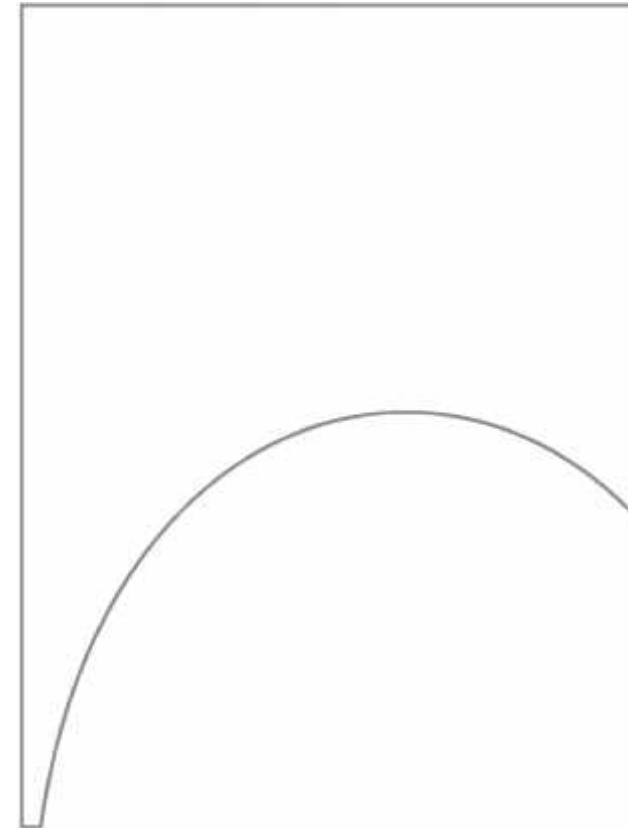


# Research-based teaching @ University of Salzburg



# The University of Salzburg in a nutshell

- Founded in 1622 by Prince Archbishop Paris Lodron
- 17.757 students
- 2.855 staff members (1.042 academic staff)
- 4 Faculties: Theology, Law, Humanities, Natural Sciences
- 30 Departments, School of Education, 12 Centers / Special Organization Units, 3 Focus Areas
- 30 Bachelor, 39 Master, 2 Diploma, and 11 Doctoral Degree programs



Archbishop Paris Graf von Lodron

## The University of Salzburg strive for:

- High-level research and researcher education
  - Research-based teaching
  - A student-centered approach to teaching
- RESEARCH and TEACHING are not seen as parallel areas, but they represent a single unit.

**THE UNIVERSITY AIMS AT ESTABLISHING A STRONG  
LINK BETWEEN TEACHING AND RESEARCH**

# Linking teaching and Research:

## Important principles

- Academic staff does research and teaches
- Teaching derives from high-quality research in the respective disciplines
- Teaching is based on discipline-specific pedagogical research
- Students are provided with opportunities to practice and develop their research skills
- Students participate in the work of the research groups in their respective departments

# Linking teaching and Research:

The teaching-research nexus concept

**COMPRISES MULTIPLE LINKS BETWEEN  
TEACHING AND RESEARCH  
or  
HOW RESEARCH CAN ENHANCE TEACHING**

# Linking teaching and Research:

## The teaching-research nexus concept

- Positive relationship between active research involvement and teaching (researchers bring knowledge alive, knowledge is continuously changing: enhanced development of students)
- Research has a highly prominent status
- Active participation in research is the best teaching approach (students contribute to the process of knowledge creation/generation)
- Teaching becomes instrumental to research (recruitment of students for own projects)

# Linking teaching and Research: The teaching-research nexus concept

Other terms frequently used:

- Research-based teaching/learning
- Research-led teaching/learning
- Research-infused teaching/learning
- Inquiry-based teaching/learning
- Research-informed teaching
- Research-linked teaching
- Research-enhanced teaching
- Teaching-research linkages

**Is it important to have a clear definition to  
describe these activities?**

# Linking teaching and Research:

## The teaching-research nexus concept

- **Research-based/guided teaching/learning:** teaching methods bridging the gap between teaching and research (engagement of students in research)
- **Research-led teaching/learning:** students learn about research findings and information transmission is the main approach to teaching
- **Research-oriented teaching/learning:** students learn about research processes
- **Evidence-based teaching/learning:** use of teaching method or practice based on evidence, not only on experience (e.g. medicine: best available evidence for clinical decision making)



**HOW RESEARCH-BASED  
TEACHING WORKS @ THE  
UNIVERSITY OF SALZBURG?**

# „RESEARCH-GUIDED TEACHING IN THE BIOLOGICAL CURRICULA“

**Prof. Peter ECKL**

# It's lunchtime!!!



*Thank you !!!*

