

Didaktik-Forum 2016:

Motivating & Teaching Diverse Study Groups

Sharing Teaching Experience

Prof. Dr. Andreas Wilms

Vicepresident for Teaching and International Affairs



Welcome to Brandenburg

Prof. Dr. Andreas Wilms

Vice President for Teaching and International Affairs



Brandenburg University of Applied Sciences (THB)

- founded in 1992
- three departments
 - Economics
 - Informatics & Media
 - Engineering



- students (winter term 2015/16): **2614**
- staff **67** professors
175 research associates & administrative staff
- study programmes
 - 11 Bachelor programmes, 9 Master programmes
 - 7 dual curriculums, 2 part-time programmes, 2 online programmes



Diversity in Teaching and Learning at THB

host and sponsor of the conference:

Project *Diversity in Teaching and Learning*

2011-2016, 2016-2020

project leader: Prof. Dr. Andreas Wilms

funded by: Federal Ministry of Education and Research
Quality Pact for Teaching





Diversity at THB – some statistical data



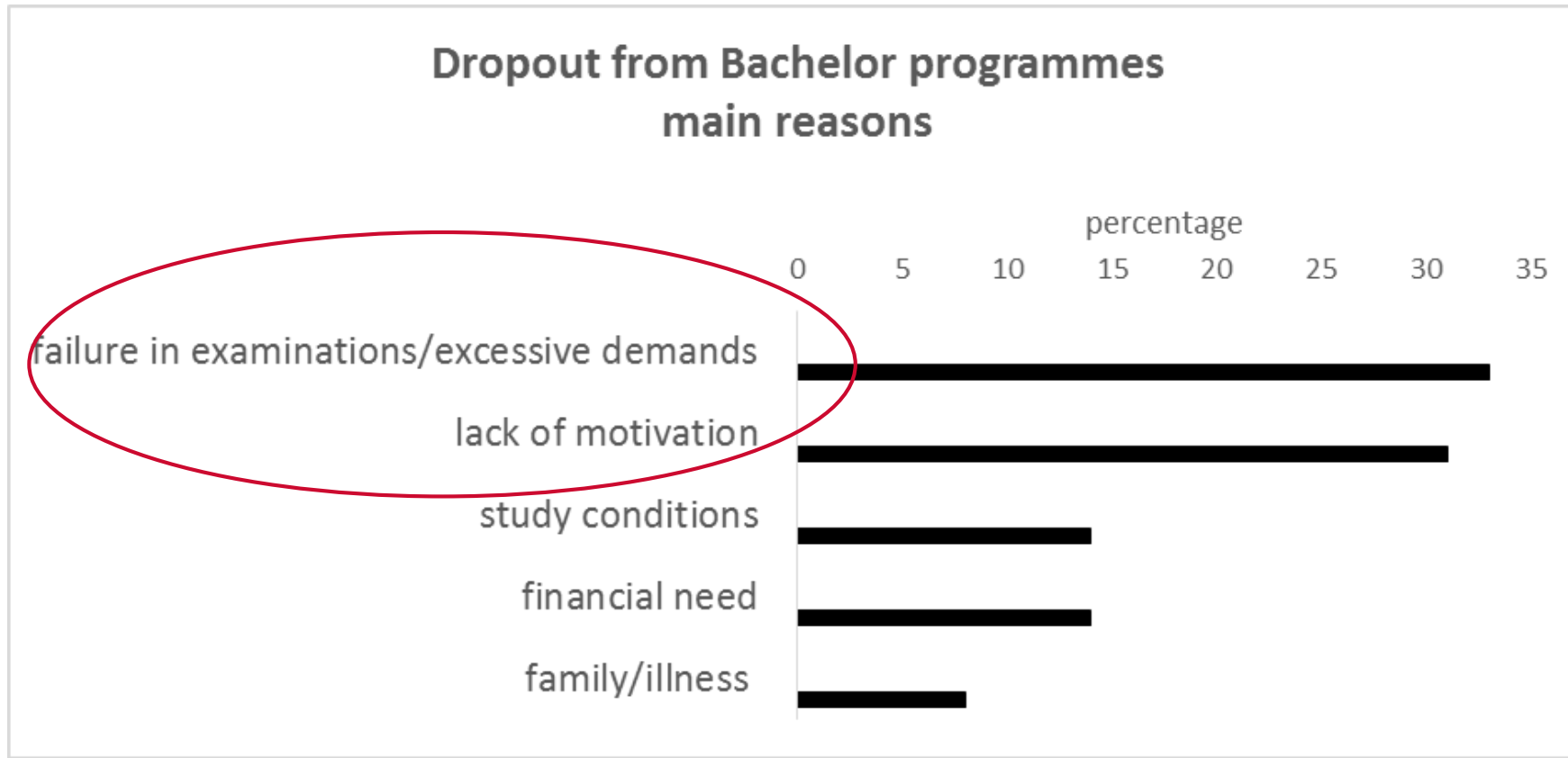
students in total: 2614

- 32.3% women
- 12.3% foreign students from 67 countries
- aged from 17 – 61
- 14% enrolled in part-time degrees (extra occupational)
- 5.5% vocationally qualified
(higher education entrance qualification without „Abitur“)



Why focus on motivation?

Successful graduation depends on the ability to motivate and regulate ones learning:



from: HIS-HF 2010



Where does motivation come from?

We know nothing about motivation.

All we can do is write books about it.

Peter Drucker





Where does motivation come from?

Motivation – a few propositions:

- is determined by the extent to which students experience effectancy, autonomy and affiliation (cf. Ryan & Deci 2000)
- can be enhanced by creating a master-oriented learning environment (cf. Covington 2007 et al.)
- does not have to be an unchangeable trait of the learner, but can be influenced by the instructor (cf. Zusho 2007)

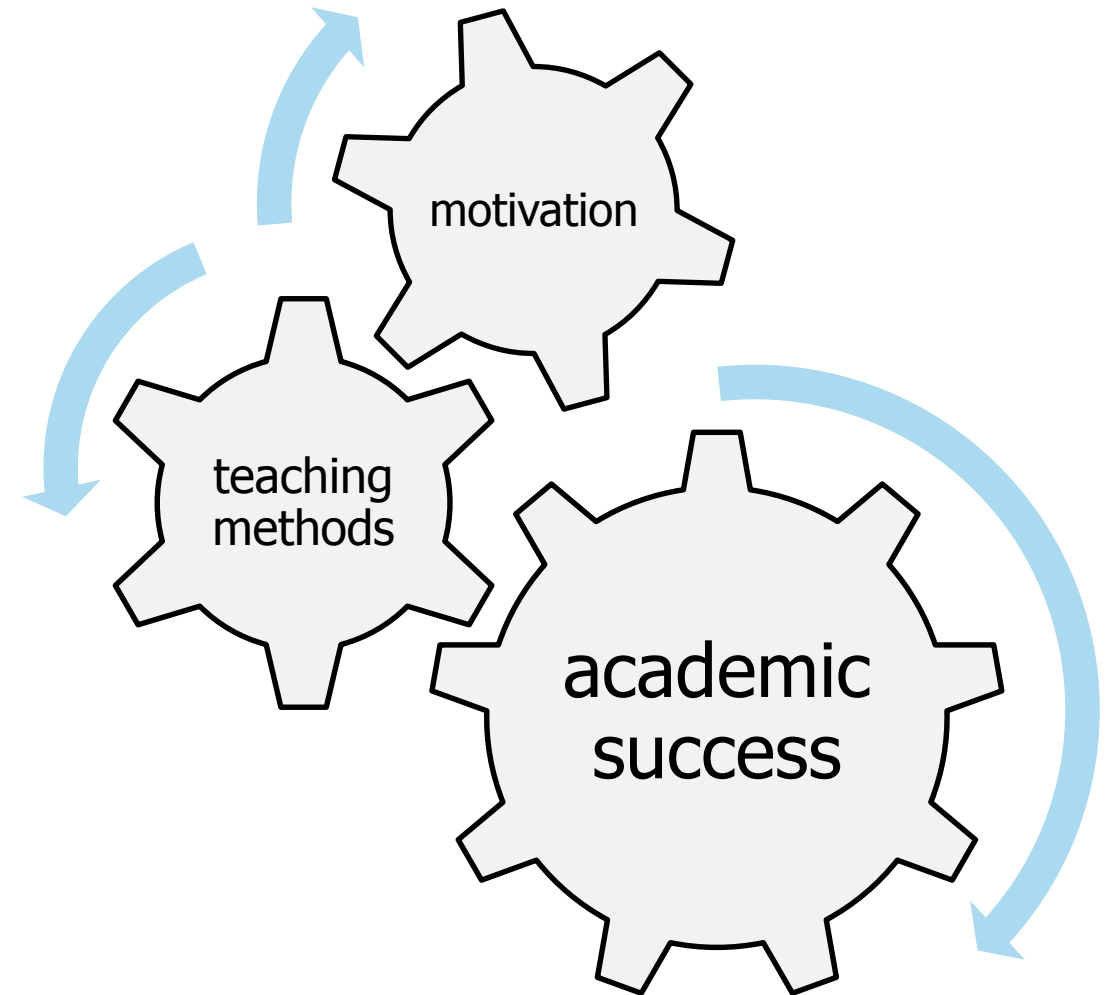




Motivating and Teaching Diverse Study Groups

Key question

Which teaching methods have proven successful to foster student commitment, motivation and course achievement?





Teaching and Motivating Diverse Study Groups – the programme

- peer-to-peer discussions amongst lectures from Aalborg, Groningen, Katowice and Brandenburg
- keynotes:
 - Bettina Dahl Søndergaard, PhD
The Principles and Practices of Problem Based Learning at Aalborg University
 - Dr. Florian Zaussinger
A Best Practice Concept for Heterogenous Technical Student Classes
- hands-on sessions with examples covering project-based formates, blended learning, practice-oriented settings and many more...



Timetable for today

When	What	Who
13:15	Opening Adress	Prof. Dr. Andreas Wilms
13:30	Keynote The Principles and Practices of Problem Based Learning at Aarhus University	Bettina Dahl Søndergaard, PhD
14:30	Coffee Break	
15:00	Hands-on Experience I	Christian Tollestrup, PhD Prof. Dr. Vera Meister Prof. Dr. Martin Kraska
17:30	Summary of the Day and Outlook	Prof. Dr. Andreas Wilms
18:00	End of First Day	



Timetable for tomorrow

When	What	Who
10:00	Welcome Note	Prof. Dr. Andreas Wilms
10:15	Keynote A Best Practice-Concept for Heterogeneous Technical Student Classes	Dr. Florian Zaussinger
11:15	Coffee Break	
11:30	Hands-on Experience II	Tina J. Klok
12:15	Lunch Break	Prof. Dr. Andreas Wilms
13:30	Hands-on Experience II (cont'd.)	Prof. Dr. hab. Wojciech Dyduch Prof. Dr. Michael Syrjakow
15:15	Summary, Outlook and Close-up	Prof. Dr. Andreas Wilms



Keynote

Bettina Dahl Søndergaard, PhD
Aalborg University

***The Principles and Practices of Problem Based Learning
at Aalborg University***