In Search of the Holy Grail
What is the essence of good teaching in higher education?

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Outline of the presentation

• Minimalism – a response to abundance
• Generic competence model for teachers of higher education
• Minimal teaching skills for a successful career start
• The study
• Shared resources
We’re drowning in information and starving for knowledge.

Rutherford D. Rogers
Reduce it to the max
«Nouvelle Cuisine»

- Simplification in preparation
- Shortened cooking time
- Reduction of the ingredients for one meal
- Easy to digest
- Integration of new technics
- Willingness to develop further
Less is more  *(Mies van der Rohe)*

tiny house
Learning – a biological process

- learning takes place at the level of synapses
- learning needs time
- learning needs repetition
In search of the holy grail

What are minimal requirements for lecturers to teach successfully at a higher education institution independent of a specific country, a specific subject or a specific university?
Heinz W. Bachmann

Systematische Lehrveranstaltungsbeobachtungen an einer Hochschule

Hochschuldidaktik mit Wirkung

Evidenzbasierte Hochschuldidaktik – eine Evaluationsstudie
Mission statement

Optimizing student learning is our business.

21st-Century Skills

Foundational Literacies
How students apply core skills to everyday tasks

1. Literacy
2. Numeracy
3. Scientific literacy
4. ICT literacy
5. Financial literacy
6. Cultural and civic literacy

Competencies
How students approach complex challenges

7. Critical thinking/problem-solving
8. Creativity
9. Communication
10. Collaboration

Character Qualities
How students approach their changing environment

11. Curiosity
12. Initiative
13. Persistence/ grit
14. Adaptability
15. Leadership
16. Social and cultural awareness

Lifelong Learning
What qualities would you like to see in a good higher education teacher (Romania/ PhD students)?

**Group 1**
- friendly
- communicative
- to have pedagogical skills
- innovative
- patient
- creative
- sense of humour

**Group 2**
- inspire curiosity
- have empathy
- have clear objectives
- promote and reward creativity
- is an expert in his professional field
### Generic teaching competence model for teachers of higher education with constituent elements (Bachmann 2019)

#### Teaching Competence

<table>
<thead>
<tr>
<th>Skills</th>
<th>Knowledge</th>
<th>Attitude</th>
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<tbody>
<tr>
<td>• Formulating learning outcomes</td>
<td>• Education (studies)</td>
<td>• Empathy, patience</td>
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<td>• Reducing complexity and content</td>
<td>• Practical experiences in the world of work (at home / abroad)</td>
<td>• Ability to listen to others</td>
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<td>• Designing competence-oriented forms of assessment</td>
<td>• Research activities</td>
<td>• Enthusiasm</td>
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<td>• Paying attention to alignment</td>
<td>• Further education (lifelong learning)</td>
<td>• Having confidence in your students</td>
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<td>• Using activating teaching methods</td>
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<td>• Flexibility, humour</td>
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<td>• Applying learning theories in teaching</td>
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<td>• Friendliness</td>
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<td>• (Media competence)</td>
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<td>• Assertiveness</td>
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<tr>
<td><strong>Teaching skills</strong></td>
<td></td>
<td>• Ambiguity tolerance</td>
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<td></td>
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<td>• Ambition to optimize your own teaching and student learning</td>
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<td>• Enjoying to support students</td>
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Minimal teaching skills

- Higher education teaching redefined – the shift from teaching to learning
- Formulating learning outcomes
- Strategies to reduce learning content
- Competence-oriented approaches to assessment
- Evidence-based teaching.

Lessons you can learn from psychology for your teaching practice
The study

Method : Delphi study

Sample : 25 higher education teaching specialists from all over the world

Results : Because there was a high agreement amongst the experts only one round was conducted

- Need and usefulness of the proposed self-study guide confirmed.
- Selected topics in the book approved
- No topic should be removed
- No additional topic should be added.

Research paper : https://zenodo.org/record/3484835#.XaVjrkYzbIU
Next step: : Expert panel discussion during ICED 2020
In Search of the Holy Grail

[What is the Essence of good Teaching in Contemporary Higher Education]
Shared resources

- [https://tiny.phzh.ch/learning-outcomes](https://tiny.phzh.ch/learning-outcomes)
- [https://www.youtube.com/watch?v=Z1JKNBx-NKA](https://www.youtube.com/watch?v=Z1JKNBx-NKA)
- [https://www.hep-verlag.ch/essentials-downloads](https://www.hep-verlag.ch/essentials-downloads)
- [https://zenodo.org/record/3374814#.XaBqjEYzbIV](https://zenodo.org/record/3374814#.XaBqjEYzbIV)
- [tiny.phzh.ch/wolf-eng](https://tiny.phzh.ch/wolf-eng)
- [https://zenodo.org/record/3546042#.Xdrii-hKjIU](https://zenodo.org/record/3546042#.Xdrii-hKjIU)
- [https://zenodo.org/record/3461524#.Xdri5-hKjIU](https://zenodo.org/record/3461524#.Xdri5-hKjIU)
Literature


