

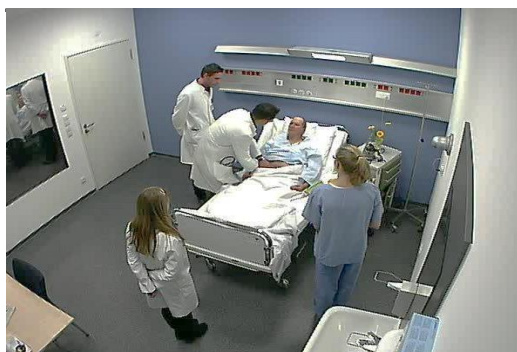
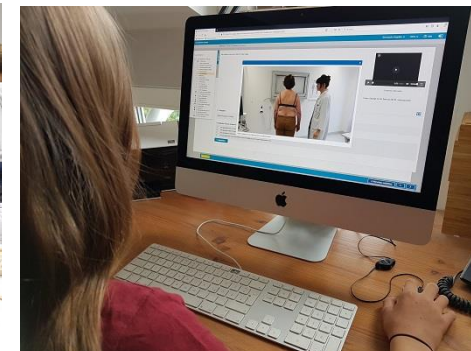
Policies and practices on teaching quality and pedagogical competence: the Case of Germany

Institute of Medical Education, University Hospital, LMU Munich, Germany

March 30th, 2023 | Prof. Martin Fischer, MD, FAMEE, MME (Berne)



Disclosure



I have no conflicts of interest to disclose.

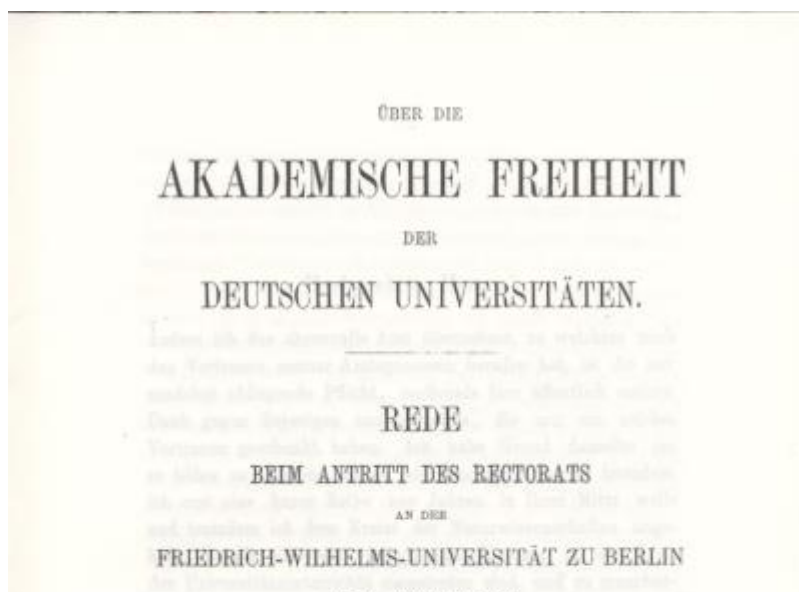
The true purpose of man, not the one prescribed by changing inclination but by eternally unchanging **reason**, is the highest and most proportionate formation of his powers into a whole.

Freedom is the first and indispensable condition for this formation.

Wilhelm von Humboldt (1767 - 1835), German philosopher, philologist and Prussian statesman, co-founder of the University of Berlin (now Humboldt University in Berlin).



https://upload.wikimedia.org/wikipedia/commons/thumb/4/46/Wilhelm_von_Humboldt_Denkmal_-_Humboldt_Universit%C3%A4t_zu_Berlin.jpg/255px-Wilhelm_von_Humboldt_Denkmal_-_Humboldt_Universit%C3%A4t_zu_Berlin.jpg



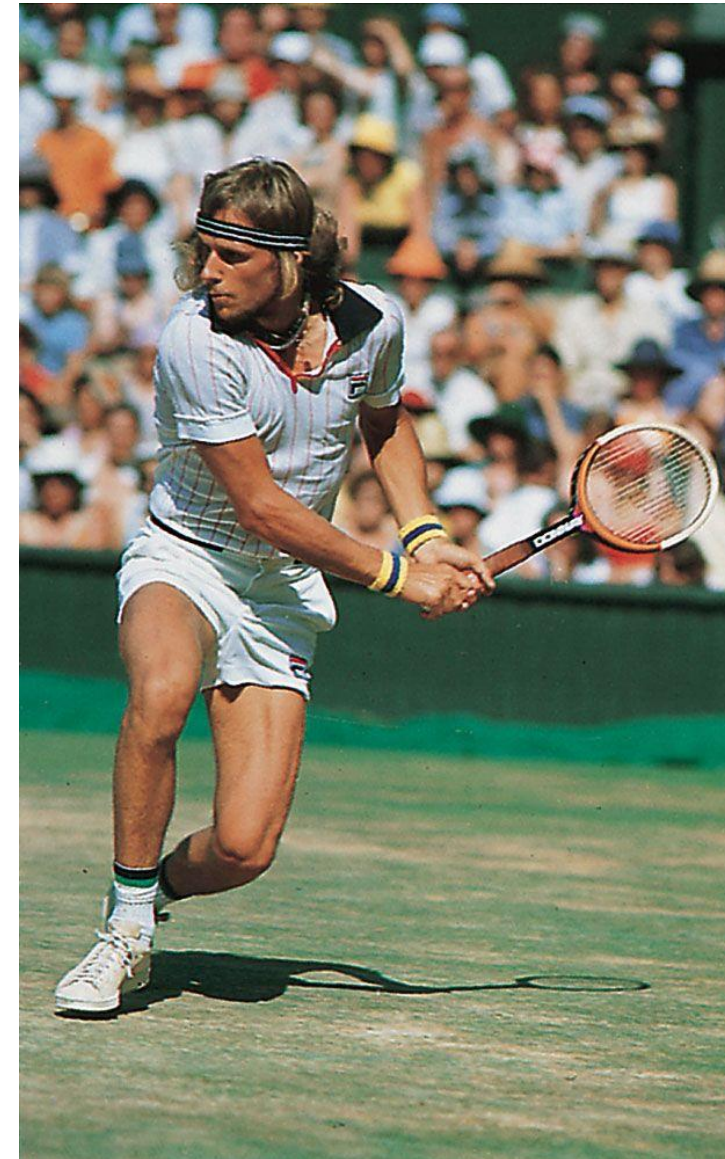
Freedom necessarily entails responsibility. It is as perishable a gift for unstable characters as it is valuable for strong ones.



Helmholtz, Hermann von: On the academic freedom of the German universities : speech at the inauguration of the Rectorate at the Friedrich-Wilhelms-Universität zu Berlin on 15 October 1877 / delivered by H. Helmholtz. -Berlin : Hirschwald, 1878. - 30 p.

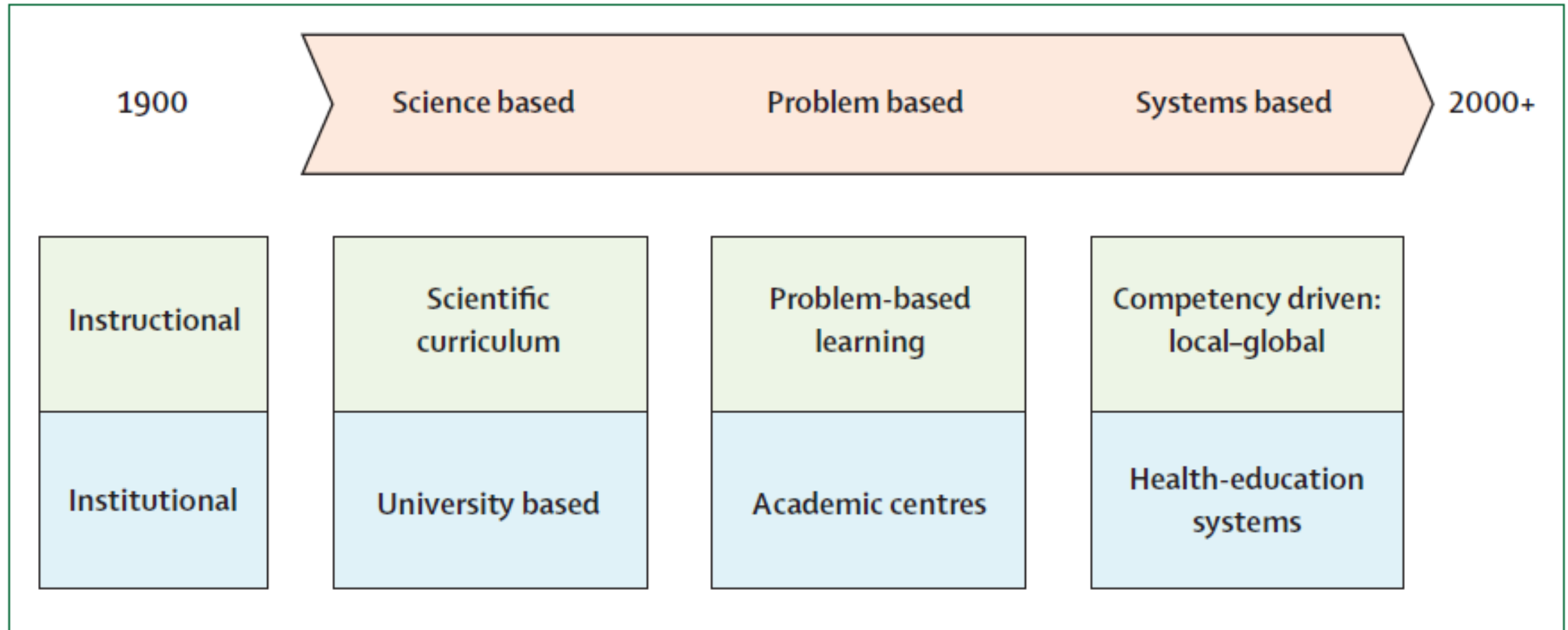
A prime problem of instruction methods is that the degree of acceptance is often directly related to the reputation of the man teaching, regardless of whether the theory is cock-eyed or not.

Björn Borg



<https://cdn.britannica.com/39/26139-050-53196601/Bjorn-Borg-Sweden-shot-first-singles-titles-1976.jpg>

The big Picture: Three Generations of Reforms



Frenk et al. Health professionals for a new century. Lancet 2010; 376:1923-1958

Challenges for Medical Care und General Needs of Medical Education in Germany

- Aging population
- Shortage of physicians in rural areas
- Over- and undertreatment
- Lack of delegation and substitution of responsibilities in interprofessional teams
- Digital health care
- Sustainability – One Health and Planetary Health Challenges



Quelle: Th. Fischer

Medical Education and Curricula in Germany in a Nutshell

- 39 medical faculties, mostly public, with additional „private“ faculties or medical schools and clinical campuses
- Around 11,000 graduates per year (to be increased?)
- 6 year curriculum (2 yrs preclinical, 3 yrs clinical, 1 yr subinternship) under federal legislation („Ärztliche Approbationsordnung“), no accreditation for public schools required
- 3 national exams (MCQ & oral exams)
- 12 of 39 are integrated curricula („Modellstudiengang“)
- LMU Munich with 950 preclinical and 550 clinical students/year (modular and organ- or competency oriented)

General needs: Masterplan Medical Education 2020

31. March 2017

- Strengthening general practice in training
- Interprofessional education
- Strengthening scientific reasoning competencies for better practice
- More diverse student population to be admitted to medical schools
- Digital health
- (Planetary Health)



National Competency-based Catalogue of Learning Objectives (NKLM)

WR

WISSENSCHAFTSRAT

Drs. 7271-18
Köln 21.09.2018

VERTRAULICH

Neustrukturierung des
Medizinstudiums und
Änderung der
Approbationsordnung für
Ärzte

NKLM





Aims of the German MME:

- Professionalization of medical education
- Qualification of disseminators at the medical faculties („Teach the teacher“)
- Promotion of educational research
- Strengthening the national network in medical education

(Inter-)National network of faculties, educators and participants:

- 60 ECTS = 1,800 Hours (2 yrs post-grad)
- 500 participants (25/yr) from 49 faculties (DACH) plus teaching institutions

MME Curriculum Planning Workshop Frauenchiemsee

May 2004



LMU KLINIKUM

mme
MASTER OF MEDICAL EDUCATION

March 2015

medizinischer
fakultätentag



MME Curriculum Overview

Longitudinal module	Module # (5-days)	Key topics
	1	Curricular design
	2	Team-communication, project management
	Start of educational project at home faculties (project)	
	3	Learning theories, large group teaching, MCQ
	4	PBL, Skills & clinical teaching, progress-test, portfolio
	5	Simulated pat., e-learning, key-feature, OSCE, oral exams
	6	Research in medical education
	Start of individual research project (master thesis)	
	7	Leadership, conflict management, faculty development
	8	Evaluation of the curriculum of an international host faculty

plus elective Module 9 based on participants' preferences.

GERMAN MEDICALTEACHINGNETWORK

Transparent teaching performance

**60 – 120 - 200 Hours
Medical Education Certificates
with peer-review for quality assurance**

performances for equivalence.

All Medical Faculties of Germany are represented within the German MedicalTeachingNetwork and agreed to the standards of the consensus statement on the mutual recognition of medical teacher training programmes.

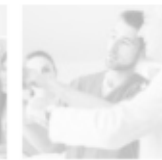
The external, peer-based, structured quality assurance is coordinated by a permanent five-member review board, which is elected by the members of the MDN and affirmed by the German Association of Medical Faculties.

Keyword



medizinischer
fakultätentag





Bavarian Network of six faculties to improve medical Education

Das **Kompetenznetz Medizinlehre Bayern** (KMB) wird seit 2008 vom Bayerischen Staatsministerium für Bildung und Kultus, Wissenschaft und Kunst gefördert. Im Rahmen der Förderung konnten an den im Jahr 2008 bestehenden fünf bayerischen Medizinischen Fakultäten thematisch fokussierte Projekte zur Verbesserung der Lehre in der Medizin etabliert werden.

Seit 2014 erfolgt die kooperative Arbeit im KMB in Form von fakultätsübergreifenden thematisch gegliederten Arbeitsgruppen.

Inzwischen sind die **6 bayerischen Medizinischen Fakultäten** und **1 Tiermedizinische Fakultät** Mitglied im KMB:

Medizinische Fakultät der Friedrich-Alexander-Universität
Erlangen-Nürnberg

Medizinische Fakultät der Ludwig-Maximilians-Universität
München

Tierärztliche Fakultät der Ludwig-Maximilians-Universität
München



Local level (LMU Munich)

Institut für Didaktik und Ausbildungsforschung in der Medizin (DAM)



Startseite LMU Klinikum / DAM / Kursangebot

Für Lehrende

Für Studierende

Kursangebot

MED-International LMU

Medizindidaktische Kurse

Forschung

Aktuelles

Über uns & das DAM

Karriere

Kursangebot

Das DAM bietet eine Reihe von Kursen zur Qualifizierung und Weiterbildung an.

Unser Kursangebot beinhaltet Maßnahmen:

- zur medizindidaktischen Qualifizierung von Lehrenden im MeCuM sowie internationalen Lehrenden (Medizindidaktische Kurse)
- zur Qualifizierung von Gesundheitsfachkräften mit ausländischem Abschluss (MED-International LMU)



Das Kursangebot am DAM:

Medizindidaktische Kurse

Qualifizierung von Lehrenden im MeCuM und internationalen Lehrenden

MED-International LMU

Qualifizierung von Gesundheitsfachkräften mit ausländischem Abschluss

Local (and global) courses at LMU Munich

MeCuM Intensiv-Seminar Lehre (InSeL)

- Kurssprache: Deutsch
- Niveau: medizindidaktische Basiskompetenzen



© DAM

Kursinhalte: Lerntheorien, Unterrichtskonzeption, aktivierende Methoden, Präsentation & Feedback, Vermittlung praktischer Fertigkeiten, Prüfungen, Einsatz von Schauspielpatient:innen, Medieneinsatz u.v.m.

Dieser Kurs findet zweimal jährlich auf Frauenchiemsee statt. Zusätzlich zum Präsenzkurs bearbeiten die Teilnehmenden Aufgaben in einer Vor- und Nachbereitungsphase. Beendet wird der Kurs mit der Teilnahme am halbtägigen Symposium "Exzellenz und Innovation in der medizinischen Lehre" in München.

MeCuM Sommerkursreihe

- Kurssprache: Deutsch
- Niveau: medizindidaktische Basis- und Aufbaukompetenzen



© Fotolia

Kursinhalte: Medizindidaktische "Basics", Evaluation, Prüfungen (schriftlich, mündlich und praktisch), Präsentation und Feedback, Vermittlung kommunikativer und sozialer Kompetenzen, Blended Learning, synchrone Online-Lehre

Diese Kursreihe findet einmal jährlich im Sommer in München (Klinikum Innenstadt) statt und besteht aus verschiedenen Kursen, die nach Relevanz für die eigene Lehre frei zusammengestellt werden können.

Academic Teacher Training Course (ATTC)

- Course language: English
- Level: Basic competences



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Course contents: Learning objectives, feedback, intercultural communication, interprofessional teaching, online teaching and much more.

This course is organized in cooperation with the **Center for International Health (CIH)** of the LMU and takes part in February each year. In addition to faculty members of the Faculty of Medicine, international teachers and students will participate in the course.

In addition to the 5 days presence time, one Kick-Off-Meeting (online), preparation and follow-up tasks are provided, the processing of which is a prerequisite for successful participation in the course. The transfer part after the course contains a self-directed practical application and evaluation of the new learning concept and concludes with the participation in the online symposium "Excellence and Innovation in Medical Teaching".



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15. SYMPOSIUM

"Exzellenz und Innovation in der medizinischen Lehre an der Universität München"

Termin:

- Datum: Freitag, 03. Februar 2023
- Uhrzeit: von 9:30 Uhr bis 13:00 Uhr
- Ort: Anatomie, Pettenkoferstr. 11, Campus Innenstadt



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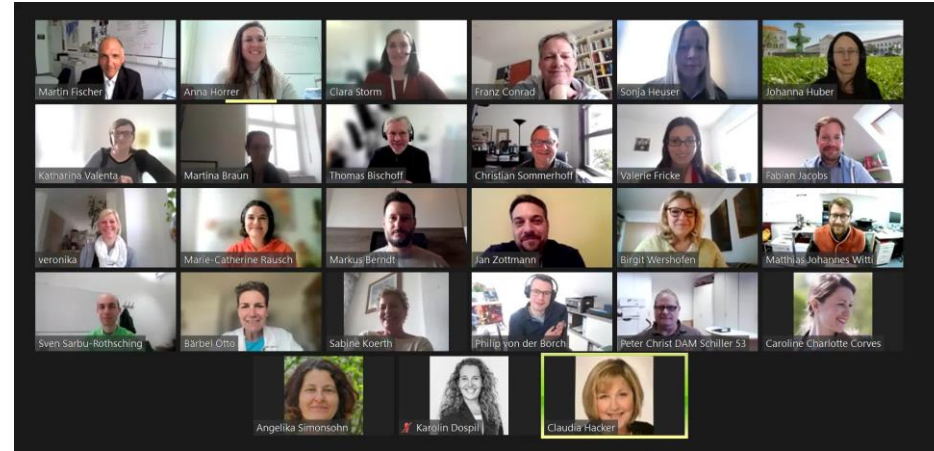
The Perspective of a Medical Educator & Dean of Studies



2026???




Many thanks!



GMS Journal for Medical Education

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<https://www.lmu-klinikum.de/institut-dam>