Dear professors,

Dear lecturers and teaching staff,

We would like to ask you to take part in this survey to evaluate the summer semester 2020.

The current COVID-19 situation has presented new challenges this summer semester. Face-to-face teaching was quickly switched to a digital semester.

In order to learn as much as possible from this time for future online teaching at the TiHo and thus further optimize it, your experiences and opinions are needed.

The survey will take about 25-30 minutes.

The survey was created as part of my doctoral thesis in the field of educational research and will be analyzed afterwards. Your data will be stored anonymously.

It is best to complete the survey on a computer/laptop, as the presentation is optimized for this.

Thank you for your support,

Miriam Kanwischer

Prof. Dr. Andrea Tipold, VPL

There are 27 questions in this survey.

General personal details

Which gender do you identify with? *	
Choose one of the following answers	
Please choose only one of the following:	
Female	
○ Male	
○ Non-binary	
No answer	

How old are you? *	
● Choose one of the following answersPlease choose only one of the following:	
<u></u>	
<u></u>	
<u>22</u>	
<u>23</u>	
<u>24</u>	
○ 25○ 26	
27	
28	
<u></u>	
<u></u>	
<u>31</u>	
<u>32</u>	
33	
○ 34○ 35	
36	
○ 37	
○ 38	
39	
<u>40</u>	
<u></u>	
 43 44	
↓ 45	
○ 46	
<u></u>	
48	
<u>49</u>	
<u>50</u>	
5152	
○ 52 ○ 53	
○ 54	
55	
<u></u>	
<u></u>	
<u></u>	
○ 60 ○ 64	
<u>61</u>	

<u>0</u> 62	
<u>63</u>	
<u></u>	
<u></u>	
○ 66	
○ ○ 67	
○ ○ 68	
○ 69	
○ 70	
○ 71	
72	
○ 72 ○ 73	
○ 74 ○ 75	
\bigcirc 77	
<u>0</u> 80	
Which constitutes the state of	
vynich respective subject area can your department be assigned to?	
Which respective subject area can your department be assigned to? * • Choose one of the following answers	
Choose one of the following answers Please choose only one of the following:	
① Choose one of the following answers Please choose only one of the following:	
• Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum)	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) 	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical 	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical 	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical 	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical 	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical 	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * ♣ Choose one of the following answers	
Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? *	
 ♣ Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * ♣ Choose one of the following answers	
● Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following:	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader Private lecturer	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader Private lecturer Resident Assistant doctor	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader Private lecturer Resident Assistant doctor Internship-Programm-Teilnehmende/r	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader Private lecturer Resident Assistant doctor Internship-Programm-Teilnehmende/r Research associates	
Choose one of the following answers Please choose only one of the following: Preliminary preclinical examination course (Vorphysikum) Intermediary preclinical examination course (Physikum) Clinical Paraclinical No answer What position do you have at your institute? * Choose one of the following answers Please choose only one of the following: Institute/ Clinic director Working group leader Private lecturer Resident Assistant doctor Internship-Programm-Teilnehmende/r	

How long have you been actively involved in teaching? *	
♠ Choose one of the following answers Please choose only one of the following:	
< 1 year	
1-5 years	
6-10 years	
> 10 years	
No answer	

Start of the digital semester

How often did you use the following digital courses as part of your teaching activities at the TiHo **BEFORE** the switch to the digital semester? *

	Frequently	Often	Sometimes	Rarely	Never	No answer
Virtual microscope		\bigcirc		\bigcirc	\circ	\circ
Recorded lectures		\bigcirc		\bigcirc	\bigcirc	\bigcirc
Recorded talks		\bigcirc		\bigcirc		\bigcirc
Electronic teaching materials (e.g., PDF scripts)		\bigcirc		\bigcirc		
Electronic textbooks (e.g., e-books)			\circ	\bigcirc		
CASUS case studies		\bigcirc		\bigcirc	\bigcirc	\bigcirc
TiHoMoodle course		\bigcirc		\bigcirc	\circ	\bigcirc
YouTube channel (e.g., TiHoVideos)		\bigcirc		\bigcirc		
Educational films		\bigcirc		\bigcirc	\bigcirc	\bigcirc
Online seminars		\bigcirc		\bigcirc	\bigcirc	\bigcirc
Social Networks (Facebook, NOVICE)		\bigcirc		\bigcirc		\circ
Self-tests (e.g., PTT)		\bigcirc		\bigcirc	\bigcirc	\bigcirc
Learning software		\bigcirc		\bigcirc	\bigcirc	\bigcirc
Podcasts		\bigcirc		\bigcirc	\circ	\bigcirc
Heartsound Library		\bigcirc				

What proved to be helpful in the $initial\ phase$ of the semester? *

	Extremly helpful	Very helpful	Not so helpful	Not at all helpful	I do not know the offer	No answer
General information on the semester course via the TiHo homepage under "News and press" on "Measures regarding the coronavirus SARS-CoV-2 at the TiHo"						
Advice, instructions, and technical support from Department 5 - Information and Data Processing Service (IDS)	0		\bigcirc		0	0
Advice, instructions, and technical support from the Center for E-Learning, Didactics and Training Research	\bigcirc		\bigcirc		0	
Information from the university management about the course schedule	\bigcirc		\bigcirc			
Consultation with colleagues about the course schedule	\bigcirc		\bigcirc		\circ	\circ
Cooperation between lecturers and students	\bigcirc		\bigcirc		0	
Flexibility of students with regard to changing the course	\bigcirc		\bigcirc		\circ	

	Strongly agree	Agre	e Disa	agree	Strongly disagree	No answer
Getting an overview of the available digital systems	\circ		(\supset	\bigcirc	\circ
Organizing digitization of teaching materials	\bigcirc				\bigcirc	\bigcirc
Digitization of theoretical content						
Digitization of practical content					\bigcirc	\bigcirc
Own time management						
Own equipment with internet- enabled devices and additional equipment (headset, camera)					\bigcirc	\bigcirc
Coordination between colleagues at own institute	\bigcirc		(\bigcirc	\bigcirc
Coordination with colleagues at				$\overline{}$		
	O					
other institutes	0	0			0	0
Personal circumstances Chnical requirements lease indicate how often you use	the following ir	nternet-enab	oled devices fo	r teaching	in the digital s	emester.
Personal circumstances Chnical requirements Lease indicate how often you use	the following ir			_	-	
Personal circumstances Chnical requirements Lease indicate how often you use the appropriate respons	the following ir			_	-	
Personal circumstances Chnical requirements Lease indicate how often you use the appropriate respons Notebook/Laptop	the following ir			_	-	

What caused you difficulties in the **initial phase** of the semester? Please give your assessment of the following

	ical equipment do you have? (multiple	choice possible) "	
Check all that apply			
Please choose all that a	оріу:		
Headphones			
Headset			
Webcam			
Microphone			
Speakers or integra	ed loudspeaker systems		
Printer			
Scanner			
External storage me	dia		
No answer			
Other:			

Teaching in the digital semester

Please rate the following statements. *

	Strongly agree	Agree	Disagree	Strongly disagree	No answer
It was clear to me during the semester how the digital semester would work.			0		
It is clear to me how things will continue until the end of the summer semester.			0	0	
I communicated to the students how the digital semester would work.			0		
Digital competence in the team was conducive to implementing innovative solutions for digital teaching.	\bigcirc	\bigcirc	0		\circ
I knew which platforms were available for my type of teaching.	\bigcirc	\bigcirc			
I always had contacts/support to help me digitize my teaching content in a meaningful way.	\bigcirc		0		0
The instructions and information material on how to digitize my teaching content were helpful.	\bigcirc		0		0
I was able to quickly become used to new systems.	\bigcirc	\bigcirc	\circ		\circ
My previous experience with similar systems helped me with the implementation of digital teaching.	\bigcirc		0	0	\circ
Digital teaching was able to meet my quality standards.	\bigcirc	\bigcirc			
Digital teaching enabled me to offer interesting additional material for which there would otherwise have been no space.	0	\bigcirc	0	0	\circ
I had the feeling that the students were well versed in using the technology.					
During synchronous teaching, I had the opportunity to get feedback from the participants.					
The collaboration with the students was constructive.	\bigcirc		\bigcirc		
The students understood the situation and reacted flexibly.	\bigcirc	\bigcirc			

Digital teaching currently takes place both synchronously in the form of live lectures and live question and answer sessions and asynchronously in the form of digital learning material, assignments, and learning control units. What is the best way for you to teach?
① Choose one of the following answers Please choose only one of the following:
Synchronous teaching
Asynchronous teaching
Combination of synchronous and asynchronous teaching
☐ I don't know

How often did you use the following digital teaching services as part of your teaching activities at the TiHo **DURING** the digital semester? *

	Frequently	Often	Sometimes	Rarely	Never	No answer
Digital live events		\bigcirc		\bigcirc		
Digital live work in small groups		\bigcirc		\bigcirc		
Digital live Q&A sessions		\bigcirc		\bigcirc	\circ	
Video of the lecturer with view of the presentation including audio track						
Video of the presentation with audio track		\bigcirc		\bigcirc		\bigcirc
Audio files/podcast with accompanying PDF script				\bigcirc		
Audio files/podcast without PDF script					\bigcirc	\bigcirc
Instructional videos on practical exercises					\circ	
Instructional videos on theoretical content				\bigcirc	\bigcirc	
Tasks with digital submission		\bigcirc				
Learning control questions (as test performance)		\bigcirc		\bigcirc		
Learning control questions/ quizzes (for self-monitoring)	\circ			\bigcirc	\bigcirc	
Digital (clinical) learning cases		\bigcirc		\bigcirc	\circ	
PDF scripts with text commentary		\bigcirc		\bigcirc		
PDF scripts without text commentary		\bigcirc		\bigcirc		\bigcirc
Guided forum/ forum posts				\bigcirc		
Digital accompanying material (e- book chapters, articles from journals)						
Instructions for practical exercises at home	0					

	Strongly agree	Agree	Disagree	Strongly disagree	No answei
_earning instructions		\bigcirc		\bigcirc	
Compulsory courses		\bigcirc		\bigcirc	
Deadlines	\bigcirc	\bigcirc		\bigcirc	
Assignment tasks	\bigcirc	\bigcirc			\bigcirc
earning control questions/ Juizzes		\bigcirc		\bigcirc	
Pretests (requirements to be able o view further content)	\bigcirc	\bigcirc	\circ	\circ	
Course attendance certificate		\bigcirc		\bigcirc	
Q&A sessions (e.g., via Microsoft eams)		\bigcirc	\circ	\circ	
Exchange possibilities in the forum		\bigcirc		\circ	
Progress indicator at TiHoMoodle blue check mark)	\bigcirc	\bigcirc		\bigcirc	\bigcirc
ow should lectures be recorded? * Choose one of the following answers lease choose only one of the following: As a whole					

When a lecture record	ding is divided into individual chapters, how long should the individual chapters be? *
	on if the following conditions are met:
Answer was 'In chapters	' at question '15 [e10]' (How should lectures be recorded?)
• Choose one of the fol Please choose only one	-
O-10 minutes	
11-20 minutes	
21-30 minutes	
31-40 minutes	
41-50 minutes	
51-60 minutes	
O 61-70 minutes	
71-80 minutes	
81-90 minutes	
O No answer	
Has the switch to a di	ligital semester on teaching gital semester generally had a negative impact on you? *
	gital semester generally had a negative impact on you? * lowing answers
Has the switch to a di Choose one of the fol Please choose only one	gital semester generally had a negative impact on you? * lowing answers
Has the switch to a di Choose one of the fol Please choose only one Yes	gital semester generally had a negative impact on you? * lowing answers
Has the switch to a di Choose one of the fol Please choose only one Yes No No answer	gital semester generally had a negative impact on you? * lowing answers of the following: quired for your digital teaching compare to conventional face-to-face courses with teaching
Has the switch to a di Choose one of the fol Please choose only one Yes No No answer	gital semester generally had a negative impact on you? * lowing answers of the following: quired for your digital teaching compare to conventional face-to-face courses with teaching)? * lowing answers
Has the switch to a di Choose one of the fol Please choose only one Yes No No answer How does the time re materials (e.g. scripts Choose one of the fol	gital semester generally had a negative impact on you? * lowing answers of the following: quired for your digital teaching compare to conventional face-to-face courses with teaching)? * lowing answers
Has the switch to a di Choose one of the fol Please choose only one Yes No No answer How does the time re materials (e.g. scripts Choose one of the fol Please choose only one	gital semester generally had a negative impact on you? * lowing answers of the following: quired for your digital teaching compare to conventional face-to-face courses with teaching)? * lowing answers of the following:
Has the switch to a di Choose one of the fol Please choose only one Yes No No answer How does the time re materials (e.g. scripts Choose one of the fol Please choose only one The effort is higher	gital semester generally had a negative impact on you? * lowing answers of the following: quired for your digital teaching compare to conventional face-to-face courses with teaching)? * lowing answers of the following:

Please evaluate the following statements on	the learning behavior	and active participation of	of students in the digital
semester *			

	Strongly agree	Agree	Disagree	Strongly disagree	No answer
Students were less reserved about asking questions.	\bigcirc	0		\circ	\circ
The students participated more actively in the digital events compared to face-to-face events.			0	0	
Students only took part in courses that were compulsory.	\bigcirc		\circ		\circ
More students took part in courses that were not compulsory compared to the analog semester.					\bigcirc

Please rate the following statements about your flexibility | self-organization | resilience in the digital semester. * Please choose the appropriate response for each item:

	Strongly agree	Agree	Disagree	Strongly disagree	No answer
The digital semester allows me to be more flexible in my teaching.	\bigcirc	0	0	0	
The increased flexibility improves my everyday life.	\bigcirc	\circ	0	\circ	
I think the increased flexibility is positive in general.		\circ		\circ	\circ
I have more time.	\bigcirc		\bigcirc	\bigcirc	
I have worked at other times of the day.					
Synchronous teaching has not changed my way of teaching.		\bigcirc		\bigcirc	
Synchronous teaching has not changed my daily routine.		\bigcirc	\bigcirc	\bigcirc	
Asynchronous teaching has not changed my way of teaching.				\bigcirc	
Asynchronous teaching has not changed my daily routine.		\bigcirc			
I've reorganized my teaching because of the digital semester.					\circ
Due to the digital semester, my teaching has become more problem-oriented.			\bigcirc		
The intensive work at the computer screen has challenged me.					
I was able to digitize my teaching content using existing hardware (PC, notebook).					\bigcirc
I have a workstation at my disposal where I can concentrate on my work.			\circ		
I feel less stressed overall.	\bigcirc	\circ	\circ	\circ	
I like the fact that I can make lecture recordings and videos available for revision.					
I see the digital semester as a personal challenge.		\bigcirc		\bigcirc	
I miss the direct contact with the students.		\bigcirc	\bigcirc	\bigcirc	
I find it difficult to teach with digital teaching materials.					

eack to how it was before Corona.	\bigcirc				
have not developed a routine for he online semester.		\bigcirc	0	\circ	
had difficulties organizing private are tasks (e.g. childcare, caring or relatives).	0		0	\circ	\circ
ave you encountered any other check the choose one of the following answers lease choose only one of the following No No answer		mester?			
			hing? *		
Other tlook and general su /here do you see room for improve lease choose the appropriate response	ement with regal for each item: Strongly	rd to digital teac	-	Strongly	No answer
tlook and general su /here do you see room for improve ease choose the appropriate response	ement with regal		hing? * Disagree	Strongly disagree	No answer
tlook and general su There do you see room for improve ease choose the appropriate response	ement with regal for each item: Strongly	rd to digital teac	-		No answer
tlook and general su There do you see room for improve lease choose the appropriate response Technical equipment at the TiHo Dwn technical equipment	ement with regal for each item: Strongly	rd to digital teac	-		No answer
tlook and general su There do you see room for improve ease choose the appropriate response Technical equipment at the TiHo Dwn technical equipment Training of lecturers on online eaching Training of students on online	ement with regal for each item: Strongly	rd to digital teac	-		No answer
tlook and general su	ement with regal for each item: Strongly	rd to digital teac	-		No answer

Strongly agree

Agree

Disagree

Strongly

disagree

No answer

	Strongly agree	Agree	Disagree	Strongly disagree	No answer
licrosoft Teams	\bigcirc	\bigcirc	\bigcirc	\circ	
iHoMoodle		0	\bigcirc	0	
hich teaching method do you see	the greatest pot	ential in the fut	ure? *		
ease choose the appropriate response					
	Strongly agree	Agree	Disagree	Strongly disagree	No answer
Digital live events, e.g., via Microsoft Teams (synchronous)	\circ	\bigcirc	\bigcirc	\bigcirc	\circ
Blended learning*		\bigcirc		\bigcirc	\bigcirc
Flipped/inverted classroom**		\bigcirc			
Asynchronous online teaching e.g., presentation recordings, exercises in TiHoMoodle, teaching videos)	0	\bigcirc			0
Both synchronous and asynchronous online teaching	\circ	\bigcirc	\circ	\circ	
Combination of classroom teaching an Combination of leastions.		g., watching lectu	ıre recordings), and	d subsequent disc	ussion of
hat did you particularly like in this ease write your answer here:	digital semester	?			

Would you welcome the sustainability of the following systems (after coronavirus)?", *

Do you have any suggestions for improving digital teaching?
Please write your answer here:
What technology/software did you miss for teaching digital courses in the summer semester 2020?
Please write your answer here:
. reads time year allerer lierer
hank you for taking the time to answer this questionnaire!

Contact for further questions:

Miriam Kanwischer

ZELDA -E-Learning Service

Bünteweg 11, 30559 Hanover

Miriam.Kanwischer@tiho-hannover.de

08-14-2020 - 10:06

Submit your survey.

Thank you for completing this survey.