# GHS Annual Report 2020

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Introduction
Letter from the President

The past year was quite an exceptional year due to the Covid-19 pandemic that has impacted all of us in one way or another. The Graduate School for Health Science faced unforeseen as well as unprecedented challenges.

The introduction of the safety hygiene measures affected all the areas of our PhD program in many ways and with different intensities. These new restrictions had a number of consequences for our ongoing projects which in many cases had to be delayed. The impact on teaching and examining was also large: many courses were canceled, and some were switched to a fully virtual mode, preventing physical contact and altering social exchanges. Besides the negative consequences, facing these challenges has also changed several aspects of working and communicating, promoting alternatives and creative solutions.

Hopefully, we will be able to build on all these new experiences and lessons learned through this deep and global crisis.

Everyone was touched by these changes on a personal and professional level. Everyone did their best to cope with the pandemic trying to get the most out of this difficult situation, as did also the GHS. We succeeded in carrying on with most of our activities and ensuring continuous support and assistance for our students, preventing delays in the final steps of the PhD termination.

Many thanks to Tullia Padovani and her team, many thanks to all the committee members, examiners, supervisors, and last but not least, many thanks to all our graduate students who suffered most from uncertainties and from the impact these might have on their young careers. I was impressed by the drive and enthusiasm with which the GHS team and PhD students managed to cope with this difficult year. Despite the pandemic, 2020 was an exceptional year in which the GHS grew significantly.

At the end of last year, the GHS had a total of 114 doctoral students enrolled, 70% of which were women. Between the school’s inception and the end of 2020, 80 doctoral students have earned their PhD in the GHS.

It’s my pleasure to welcome Sissel Guttormsen who has taken over my role as president of the GHS Steering Board Committee and I wish her the best of luck!

Hoping that we will all be able meet again in person at the next GHS symposium at Schloss Münchenuiller, I wish you much pleasure in reading our Graduate School’s annual report.

Prof. Dr. Achim Elfering
Former President GHS Steering Board Committee
Bern, August 2021

Highlights

The GHS enjoyed a 30% increase in enrollment over 2019, ending 2020 with a total of 114 students. Thanks to the young Expert Committee III, Clinical science continues to enjoy significant interest as a result of the innovative 50:50 model.

Despite having to be held virtually the 2020 GHS Symposium enjoyed great success with large number of students and faculty members participating.

Furthermore, the GHS welcomed four new expert committee members:

- Prof. Dr. Annalisa Berzigotti (FKI), Head Physician Hepatology at the University clinic for Visceral Surgery and Medicine, University of Bern
- Prof. Dr. Stéphane Ciocchi (FKII), Assistant Professor & Group Leader Systems Neuroscience Group, University of Bern
- Dr. phil. Cinzia del Giovane (FKI), Head of Statistics and Methodology at the Institute of Primary Health Care (BIHAM) of the University of Bern
- Prof. Dr. Stefanie Schmidt (FKI), Assistant Professor of Child and Adolescent Psychology at the Institute of Psychology, University of Bern
- Prof. Dr. Roland Wiest (FKII), Institute of Diagnostic and Interventional Neuroradiology, University of Bern
Vision and Mission

Vision
The Graduate School for Health Sciences (GHS) seek to develop academics and researchers whose work is dedicated to improving health and quality of life throughout people’s lives.

Mission
The PhD program endeavors to promote and offer scientifically oriented courses in combination with clinical, experimental and translational research, ensuring integrity and stimulating students to work responsibly and independently in the pursuit of in-depth knowledge.

Promote Excellence
Guide and prepare doctoral students to become competent and successful researchers, with an internationally recognized and competitive PhD title.

Foster a deep and global knowledge all around health
Provide programs that encourage doctoral students to expand their knowledge beyond their specific research training through interdisciplinary courses, content, and methods in the field of health sciences. The graduate school program offers a wide choice of courses and special workshops tailored to the individual interests and needs of PhD candidates.

Support and Develop
Support doctoral students throughout their PhD program, ensuring the best supervision and structure and encourage them to become well-trained, qualified and innovative professionals who will contribute to the improvement of health.

Quality and Integrity
Develop and manage high quality doctoral programs to deepen knowledge, foster innovation and drive creativity, ensuring integrity in training and research, in line with ethical principles applied to health sciences.

GHS Organization

The GHS implements the vision and the missions in an innovative way, realizing a very attractive study and supervision program. The PhD program supports the candidates in accomplishing the high demands, particularly with regards to admission requirements, courses and publication output expectations. Additionally the GHS expects and promotes a lively exchange of ideas from our students.

The GHS is an inter-faculty and truly multidisciplinary graduate school. The strength of this multidisciplinary approach to health, using different paradigms and methodologies, is to render the research and clinical interventions more effective.

The program is jointly organized by the Faculty of Medicine and the Faculty of Human Sciences and offers a comprehensive and internationally acclaimed training in the theory and practice of experimental research, as well as in-depth specialist knowledge of the individually selected research area, addressing questions rooted in both basic research and applied fields.

The GHS is strategically run by the executive board with members from the two faculties and the expert committees.

The GHS has three expert committees covering a wide spectrum of research approaches and methods: in preventive and social medicine, public health, medical education, psychology, rehabilitation & clinical research. (Expert Committee I), neuroscience (Expert Committee II) or clinical sciences (Expert Committee III).

These committees are also responsible for the admittance, guidance, and evaluation of the PhD candidates.

The extensive body of academic experts and resources available enable the GHS students to develop into highly qualified professionals as researchers and academics, in private or not-for-profit industries, ready to use their knowledge and skills in complex subjects in their chosen area. Today 86 academic experts support the PhD Candidates in their endeavors.

The GHS Office is directed by Dr. Tullia Padovani, the GHS Coordinator. Dr. Padovani is responsible for the operative organization. She is supported by the GHS office team consisting of Cinzia Marti, Brigitte Schutte, Te Moana Tschabold and Kateri Chambers.

Awarded PhD title is: PhD in Health Sciences (specialist area).
GHS Organization Chart

STEERING BOARD
- Achim Elfering (Hum Sci), President
- Thomas Abel (Med)
- Urs Fischer (Med)
- René Müri (Med)
- Claudio Nigg (Hum Sci)
- Tullia Padovani (Coordinator)
- Te Moana Tschabold, Secretary

FACULTIES
- Faculty of Medicine (Med)
- Faculty of Human Sciences (Hum Sci)

ADMINISTRATION
- Tullia Padovani, Coordinator
- Katlin Chambers, Secretary
- Cinzia Stari, Secretary
- Brigitt Schulte, Secretary
- Te Moana Tschabold, Secretary

EXPERT COMMITTEES

Expert Committee I (FKI)
Research areas: Preventive and social medicine, public health, medical education, psychology, rehabilitation & clinical research
- Sissel Gutormsen (Med), Chair
- Thomas Abel (Med)
- Annalisa Berzigotti (Med)
- Cinzia del Giovane (Med)
- Jennifer Inauen (Hum Sci)
- Stefanie Julia Schmidt (Hum Sci)
- Matthias Wilhelm (Med)
- Marcel Zwahlen (Med)
- Tullia Padovani (Coordinator)

Expert Committee II (FKII)
Research area: Neurosciences and Clinical Neurosciences
- René Müri (Med), Chair
- Dario Cazzoli (Med)
- Thomas Dierks (Med)
- Daniel Erlacher (Hum Sci)
- Daniela Hubi (Med)
- Tobias Nef (Med)
- Roland West (Med)
- Stéphane Ciocchi (Med)
- Tullia Padovani (Coordinator)

Expert Committee III (FKIII)
Research area: Clinical Sciences; clinical career & patient-oriented research (50:50 model)
- Urs Fischer (Med), Chair
- Guido Beldi (Med)
- Thomas Berger (Hum Sci)
- Lorena Gianotti (Hum Sci)
- Stefan Klöppel (Med)
- Philipp Latzin (Med)
- Lorenz Räber (Med)
- Sven Treile (Med)
- Maria Wertli (Med)
- Tullia Padovani (Coordinator)
PhD Steering Committee

Steering Committee

The Graduate School is managed by a Steering Board. The Steering Board is composed of two representatives each from the Faculty of Human Sciences and the Faculty of Medicine, together with the Program Coordinator. Those representing the Faculties are professors. At least one representative per Faculty must be a member of the respective Faculty Council (Fakultätskollegium). Additional persons can be elected to sit on the Steering Board if the Faculties concerned are in agreement.

The members of the Steering Board must be renowned scientists and are elected by the University Board of Directors for a period of office of four years, upon application by the Faculties involved. They can be reappointed. The representatives of the Faculties on the Steering Board preside over the Board in turn, each for a period of one year.

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Prof. Dr. Achim ELFERING
Extraordinarius, Work and Organizational Psychology, Institute of Psychology. He has been a member of the GHS Steering Committee since 2009, serving as President since January 2019.

Prof. Dr. phil. Thomas ABEL

Prof. Dr. med. Urs FISCHER
Chair Expert Committee III
MD MSc Extraordinarius for Acute Neurology and Stroke, Co-Chairman Stroke Centre Bern, Deputy Director Clinical Trial Unit Bern. Member since October 2017.

Prof. Dr. phil. Sissel GUTORMSEN
Chair Expert Committee I
Director, Institute for Medical Education (IML). Founding President and Member since August 2008.

Prof. Dr. phil. René MÜRI
Chair Expert Committee II
Chief Physician, Head of University Neurorehabilitation, University Hospital for Neurology. Member since January 2010.

Prof. Dr. phil. Claudio NIGG
Head of Department Health Science, Institute of Sport Science. Member since January 2020.

Dr. phil. Tullia PADOVANI
GHS Coordinator and Lecturer. Member since January 2019.
Expert Committees

PhD candidates currently carrying out their research projects within the framework of the GHS are grouped by GHS Expert Committees and listed on the GHS Website.

Three Expert Committees with competences in:
1. Preventive and Social Medicine, Public Health, Medical Education, Psychology, Rehabilitation & Clinical Research (FKI)
2. Neuroscience (FKII)
3. Clinical Sciences (FKIII)

The committees are responsible for the admittance, guidance, and evaluation of the PhD candidates. Each PhD candidate is assigned to one of the GHS Expert Committees, which together with the candidate decides upon the individual training program.

### Expert Committee I / Fachkommission I

**Research Areas:**
Preventive and social medicine, public health, medical education, psychology, rehabilitation and clinical research

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Institute</th>
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<tbody>
<tr>
<td>Sissel Guttormsen</td>
<td>Faculty of Medicine</td>
<td>Institute for Medical Education</td>
</tr>
<tr>
<td>Thomas Abel</td>
<td>Faculty of Medicine</td>
<td>Institute of Social and Preventive Medicine</td>
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<tr>
<td>Annalisa Berzigotti</td>
<td>Faculty of Medicine</td>
<td>University Department of Visceral Surgery and Medicine</td>
</tr>
<tr>
<td>Cinzia del Giovane</td>
<td>Faculty of Medicine</td>
<td>Institute of Primary Health Care</td>
</tr>
<tr>
<td>Jennifer Inauen</td>
<td>Faculty of Human Sciences</td>
<td>Institute of Psychology</td>
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<tr>
<td>Stefanie Schmidt</td>
<td>Faculty of Human Sciences</td>
<td>Institute of Psychology</td>
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<tr>
<td>Matthias Wilhelm</td>
<td>Faculty of Medicine</td>
<td>Institute of Sport Science</td>
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<td>Marcel Zwahlen</td>
<td>Faculty of Medicine</td>
<td>Institute of Social and Preventive Medicine</td>
</tr>
<tr>
<td>Tullia Padovani</td>
<td>GHS Coordinator</td>
<td>Graduate School for Health Sciences</td>
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</tbody>
</table>

### Expert Committee II / Fachkommission II

**Research Areas:**
Neurosciences and Clinical Neurosciences

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Institute</th>
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</thead>
<tbody>
<tr>
<td>René Müri</td>
<td>Faculty of Medicine</td>
<td>University Hospital for Neurology</td>
</tr>
<tr>
<td>Dario Cazzoli</td>
<td>Faculty of Medicine</td>
<td>ARTORG Center for Biomedical Engineering Research</td>
</tr>
<tr>
<td>Stéphane Ciocchi</td>
<td>Faculty of Medicine</td>
<td>Systems Neuroscience Group</td>
</tr>
<tr>
<td>Thomas Dierks</td>
<td>Faculty of Medicine</td>
<td>University Psychiatric Services</td>
</tr>
<tr>
<td>Daniel Erlacher</td>
<td>Faculty of Human Sciences</td>
<td>Institute for Sports Science</td>
</tr>
<tr>
<td>Daniela Hubl</td>
<td>Faculty of Medicine</td>
<td>University Psychiatric Services</td>
</tr>
<tr>
<td>Tobias Nef</td>
<td>Faculty of Medicine</td>
<td>Center for Biomedical Engineering Research</td>
</tr>
<tr>
<td>Jürg Streit</td>
<td>Faculty of Medicine</td>
<td>Department of Physiology</td>
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<tr>
<td>Roland Wiest</td>
<td>Faculty of Medicine</td>
<td>Center for Translational Medicine and Biomedical Entrepreneurship</td>
</tr>
<tr>
<td>Tullia Padovani</td>
<td>GHS Coordinator</td>
<td>Graduate School for Health Sciences</td>
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### Expert Committee III / Fachkommission III

**Research Areas:**
Clinical Sciences, clinical career and patient-oriented research (50:50 model)

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<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
<th>Institute</th>
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<tbody>
<tr>
<td>Urs Fischer</td>
<td>Faculty of Medicine</td>
<td>Department of Neurology</td>
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<tr>
<td>Guido Beldi</td>
<td>Faculty of Medicine</td>
<td>Department of Visceral Surgery and Medicine</td>
</tr>
<tr>
<td>Thomas Berger</td>
<td>Faculty of Human Sciences</td>
<td>Institute of Psychology</td>
</tr>
<tr>
<td>Lorena Gianotti</td>
<td>Faculty of Human Sciences</td>
<td>Institute of Psychology</td>
</tr>
<tr>
<td>Stefan Klöppel</td>
<td>Faculty of Medicine</td>
<td>University Hospital of Old Age Psychiatry</td>
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<tr>
<td>Philipp Latzin</td>
<td>Faculty of Medicine</td>
<td>Department of Pediatrics</td>
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<tr>
<td>Lorenz Räber</td>
<td>Faculty of Medicine</td>
<td>Department of Cardiology</td>
</tr>
<tr>
<td>Christoph Stettler</td>
<td>Faculty of Medicine</td>
<td>Department of Diabetes, Endocrinology, Clinical Nutrition and Metabolism</td>
</tr>
<tr>
<td>Sven Trelle</td>
<td>Faculty of Medicine</td>
<td>Clinical Trials Unit Bern</td>
</tr>
<tr>
<td>Maria Wontli</td>
<td>Faculty of Medicine</td>
<td>Department of General Internal Medicine</td>
</tr>
<tr>
<td>Matthias Zumstein</td>
<td>Faculty of Medicine</td>
<td>Department of Orthopedic Surgery and Traumatology</td>
</tr>
<tr>
<td>Tullia Padovani</td>
<td>GHS Coordinator</td>
<td>Graduate School for Health Sciences</td>
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PhD Program

Doctoral Program
The Graduate School for Health Sciences (GHS) offers research-oriented curricula on psychological and physiological factors that determine the health of individuals and groups in their social contexts and physical environments.

The GHS in general focuses on patient-oriented clinical research that is carried out directly with patients or healthy volunteers.

The doctoral degrees are issued jointly by the Faculty of Medicine and the Faculty of Human Sciences, after submission of the written thesis and successful defense of the thesis. As a rule, the PhD thesis must be submitted no later than one year after completion of the experimental work. The University regulations require enrollment until the successful completion of studies.

Supervision
Each PhD candidate is supervised by a thesis committee consisting of the advisor, a co-referee, a member of the appropriate GHS Expert Committee, and mentor (FKIII only).

Thesis Committee
Thesis advisor is responsible for the research project, adequate supervision, the laboratory infrastructure and the salary of the candidate.

Co-thesis advisor (optional) can be appointed to support the thesis advisor. The Co-Thesis Advisor is an expert within the field of the dissertation and is chosen by the Thesis advisor.

Co-referee should be an expert in the research area of the thesis project but must not be affiliated with the same institute as the supervisor. He/she meets with the candidate at least twice a year to discuss and assess progress of the thesis work, as well as advising and supporting the candidate, is present at the exams, and is present at the thesis defense.

Mentor (only FKIII) helps to set the tailor-made training program called doctoral agreement, together with the candidate and the supervisor and evaluates the progress report. The candidate’s previous education and the relevance to the planned research work is taken into account. The mentor is also a mediator in case of conflict within the thesis committee.

Requirements
The training program requires at least 18.0 ECTS of learning credits, which can be obtained by participating in approved, project-related and interdisciplinary courses, workshops, seminars, and lectures. There are two required exams: one written after the first year, and the second is an oral presentation of the student’s work which takes place at the end of the second year. Candidates present their work in a scientific seminar in the presence of the thesis committee, to document in-depth knowledge of the research field.

Financial Support
By granting a financial contribution, the GHS actively supports the participation of candidates in national and international conferences and in special training courses offered by recognized institutions in Switzerland and abroad.

PhD Program Structure

GHS structured PhD Studies Timeline after official acceptance

[Diagram showing the timeline with key milestones such as thesis proposal, research project, examinations, and thesis defense.]

Page: 14
Clinical Sciences - FKIII

PhD in Clinical Sciences:
Clinical career and patient-oriented research (50:50 model)

Objectives

- Obtain a PhD title while simultaneously pursuing a clinical career
- Benefit from the combination of clinical work and patient-oriented research while maintaining an individual schedule

Program

- PhD in Clinical Sciences is a program of the Graduate School for Health Sciences (GHS)
- Clinically involved candidates (medical doctors, psychologists, physiotherapists, etc) can pursue their clinical work in a 50% position and dedicate the remaining time to a research project

MD-PhD Scholarships

GHS doctoral students with a Master in Medicine may apply annually for the MD-PhD scholarships.

The National MD-PhD Program, which is supported by the Swiss National Science Foundation (SNSF), the Swiss Academy of Medical Sciences (SAMS/SAMW), and several other foundations, awards 9 to 12 scholarships every year to outstanding graduates in human medicine, veterinary medicine and dentistry with residency in Switzerland.

Students in FKIII are not eligible for the MD-PhD Scholarship since the minimum research time is 75%.

Further information can be found on the SNSF and SAMS websites.
Year in Review

Students

Chart 1. Chart GHS Matriculations
Growth in Matriculations 2008 - 2020

Expert Committees

Chart 2. Student Distribution across Expert Committees
Distribution across Expert Committees 2008 - 2020
Gender

Chart 3. Student Gender Distribution
Student Gender Distribution 2008 - 2020

Field of Study

Chart 4. GHS Students - Master Degree Fields of Study
Student Fields of Study 2020
Institutes

Graph 5. GHS Students - Institutes where research is performed
Research Institutes - 2020

- University hospital of Psychiatry UPD
- Institute of Social and Preventive Medicine (SPM)
- Vetuisse
- Institute of Medical Education (IUL)
- Institute of Psychology
- Bern University of Applied Sciences
- Other
- Department of Neurology Insel
- Bern Institute of Primary Care (BHAM)
- Department of Cardiology
- Department for Biomedical Research (DBMR)
- Institute for Infectious Diseases (IFD)
- Institute of Pharmacology
The 2020 cohort of doctoral students in the GHS was made up of 114 students who obtained their masters degrees from 28 different countries.
Courses and Seminars

Seminars and courses are selected for each candidate individually from courses supported by GHS, from the teaching units of the faculties, and also from courses offered by other Swiss universities. Students may choose the courses best for their PhD studies, within University of Bern, as well as other national and international academic institutions. Some candidates also take part in internationally organized Summer Schools, which provide high quality training in specific fields.

18 ECTS credit points are necessary for the GHS PhD program. These ECTS include:

- **Mandatory Requirements (min. 3 ECTS)**
- **Core Courses (2 to 4 ECTS)**
- **Method Skills (4 to 6 ECTS)**
- **Special Knowledge (min. 6 ECTS)**
- **Meetings / Conferences (subject to prior approval)**

The course catalog lists suggestions for the different course categories. The Mandatory, Core, Methods and Special Knowledge Courses offered by the GHS are listed on the website under Training/Course Catalogue. GHS recognizes external courses when they meet the appropriate requirements, and can provide financial support in many cases.

The Mandatory Curriculum Requirements

- Each PhD candidate compiles an individual curriculum based on qualifications and relevance to the research interests.
- Courses not listed in the GHS Course Catalog can be selected upon agreement with the GHS if the courses have to last at least one day and must involve active participation.
- The selection of courses should be documented in the Doctoral Agreement (DA).
- In addition, the GHS supports efforts to acquire basic knowledge in cases where the PhD candidates are new in the field.

**Mandatory Requirements**

- Basics of Ethics in Health Sciences Research
- GHS Symposium: Poster presentation
- GHS Symposium: Oral presentation

Partner Programs

**The BENEFRI Neuroscience Program**
is a convention between the Universities of Bern and Fribourg and is available to GHS students. Its purpose is the organization of joint postgraduate courses and lectures for PhD students in Neuroscience at the two Universities. At the moment it includes the Faculty of Medicine in Bern and the Faculty of Science in Fribourg.

**The Swiss School of Public Health PhD program (SSPH+)**
assembles the inter-university faculty of public health sciences affiliated with the twelve Swiss universities of the SSPH+ Foundation: Basel, Bern, Fribourg, Geneva, Lausanne, Lucerne, Neuchâtel, Svizzera italiana, Zurich, BFH, SUPSI and ZHAW. SSPH+ is the national coordinating body for the promotion of postgraduate university education and research in the fields of public health.

**Transferable Skills (University of Bern)**
provide key qualifications for your academic and non-academic Career: individual feedback from experts, intensive learning in small groups, and multidisciplinary networking. These skills are competencies acquired in one context that can be applied to other contexts, jobs, positions, functions or fields of work.

**Clinical Neuroscience Bern**
is an Interdisciplinary collaboration pivotal to success in clinical neuroscience research and methodology. The research focus of Clinical Neurosciences Bern aims to improve information exchanges and promote cooperation with internal and external partners.

**The Graduate School for Cellular and Biomedical Sciences (GCB) (University of Bern)**
is jointly administered by the Faculties of Medicine, Science and Vetsuisse, offers structured, experimental research training programs leading to a PhD, MD-PhD or DVM-PhD degree.
Graduations 2020

March 03

Andjela Markovic PhD in Health Sciences (Neurosciences)
University Hospital of Psychiatry
Sleep, Development and Psychiatry: Insights gained from quantitative EEG analyses
Thesis Advisors: Prof. Dr. med. Michael Kaess and Prof. Dr. Peter Achermann

March 26

Eva Sophie Lunde Pedersen PhD in Health Sciences (Epidemiology)
Institute of Social and Preventive Medicine ISPM
Exercise-induced respiratory symptoms in childhood
Thesis Advisors: Prof. Dr. Claudia Kühni and PD Dr. Alexander Möller

May 13

Thimo Marcin PhD in Health Sciences (Sports Medicine)
Department of Cardiology
Changes of cardiorespiratory, vascular and heart rate parameters with Cardiac Rehabilitation and associations of these changes with training modality and baseline parameters
Thesis Advisors: Prof. Dr. Matthias Wilhelm and Prof. Dr. Henner Hanssen

June 11

Vera Ruth Mitter PhD in Health Sciences (Epidemiology)
University Women’s Hospital, Division of Gynecological Endocrinology and Reproductive Medicine, Inselspital
Obstetrics and perinatal outcomes of women treated for subfertility and children born after in vitro fertilisation
Thesis Advisors: Prof. Dr. med. Michael von Wolff and Prof. Dr. Marcel Zwahlen

June 29

Raphaëla Martina Tschüumperlin PhD in Health Sciences (Neurosciences)
Translational Research Center
The Neurophysiology of Implicit Alcohol Associations in Patients with Alcohol Use Disorders: Does Gender matter?
Thesis Advisors: Prof. Dr. Franz Moggi and Beate Ditzen

August 13

Hallie Margaretta Batschelet PhD in Health Sciences (Neurosciences)
Translational Research Center
Alcohol-Related Cognitive Biases and Inhibitory Control in Alcohol Use Disorder: Modification, Neurophysiological Correlates, and Association with Craving and Relapse
Thesis Advisors: Prof. Dr. Franz Moggi and Prof. Dr. Wim van den Brink
Publications 2020


Arevalo-Rodriguez, Ingrid; Buitrago-Garcia, Diana; Simancas-Racines, Daniel; Zambrano-Achig, Paula; Del Campo, Rosa; Ciapponi, Agustin; Sued, Omar; Martinez-Garcia, Laura; Rutjes, Anne; Low, Nicola; Bossuyt, Patrick M; Perez-Molina, Jose A; Zamora, Javier (2020). False-negative results of initial RT-PCR assays for COVID-19: A systematic review. PLoS ONE, 15(12), e0242958. Public Library of Science 10.1371/journal.pone.0242958. http://dx.doi.org/10.1371/journal.pone.0242958

Chimbote, Olehgrah; Mudzviti, Tinei; Del Campo, Rosa; Ciapponi, Agustin; Sued, Omar; Martinez-Garcia, Laura; Rutjes, Anne; Low, Nicola; Bossuyt, Patrick M; Perez-Molina, Jose A; Zamora, Javier (2020). Entrainment Decisions and the Clinical Team: A Case Study of Early Clinical Students (In print). Medical education Wiley 10.1111/medu.14432. http://dx.doi.org/10.1111/medu.14432


Publications 2020


Márzin, Thimo; Eser, Prisca; Prescott, Eva; Mikkelsen, Nicolai; Prins, Leonie F; Kollmann, Evelien K; Lado-Baleato, Óscar; Cardoso-Suárez, Carmen; Bruni, Wendy; van der Velde, Astrid E; Peña Gil, Carlos; Iluoi, Iluoi; Marie Christina; Ardusino, Diego; Zaymer, Uwe; Meindersma, Esther P; Van't Hof, Arnoud Wj; de Kluiver, Ed P; Wilhelm, Matthias (2020). Predictors of pre-rehabilitation exercise capacity in elderly European cardiac patients - the Eu-CaRe study. European journal of preventive cardiology, 27(16), S. 1702-1712. SAGE Publications 10.1177/2047487319894676. http://dx.doi.org/10.1177/2047487319894676

Prescott, Eva; Eser, Prisca; Mikkelsen, Nicolai; Holdgaard, Annette; Márzin, Thimo; Wilhelm, Matthias; Gil, Carlos Peña; González-Juanatey, José R; Møltemi, Ferieil; Iluoi, Iluoi; Marie Christina; Schneider, Schromm; Eike; Zaymer, Uwe; Meindersma, Esther P; Crescato, Antonio; Ardusino, Diego; Kollmann, Evelien K; Prins, Leonie F; van der Velde, Astrid E; Van't Hof, Arnoud Wj; (2020). Cardiac rehabilitation of elderly Patients in eight rehabilitation units in Western Europe: Outcome data from the EU-CaRe multi-centre observational Study. European journal of preventive cardiology, 27(16), S. 1716-1729. SAGE Publications 10.1177/2047487320903889. http://dx.doi.org/10.1177/2047487320903889

Publications 2020


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Publications 2020


Publications 2020


GH5 Syposium 2020

The GHS symposium 2020 took place as a fully virtual event in a reduced one-day format from 09:00 – 17:00h. The day was split into four sessions (two for FKI and one each for FKII and FKIII).

The main idea of the symposium is to promote scientific exchange and networking between students, specialists and members of the three expert committees. An interdisciplinary event of this kind makes most sense if held in person giving participants the opportunity to meet and talk.

To avoid students having to delay their PhD defenses on account of unmet requirements (participating in and presenting at two symposiums is mandatory), we decided to go ahead with the symposium in a reduced format, giving the students the opportunity to receive feedback on their presented research.

The Symposium 2020 was opened with welcome speeches by GHS President Achim Elfering and GHS Coordinator Tullia Padovani. The main sessions held via Zoom comprised of talks, discussions and feedback. Between talks poster sessions were held on Gather Town. This enabled students to hold separate conversations in parallel, walk in and out of conversations and meet or bump into colleagues just as they would, had the symposium been able to be held in a real-life location.

The number of participants was high and as the survey showed, a big success. We believe this was due to the simple structure and effective time planning according to the program.

The symposium was held using two platforms:

- Zoom was the digital basis.
- Our poster sessions were hosted in Gather Town, a video-calling space that lets multiple people converse in parallel. It allowed us to recreate the atmosphere of the sessions held in person with figures maneuvered by participants.
The invaluable technical support of Prof. Dr. Tobias Nef and his collaborator Dr. Stephan Gerber ensured the smooth running of our first virtual symposium.

We would like to thank all of you for your participation and for the very positive feedback we received through the Zoom survey.

The survey also enabled us to determine the winners of the best poster and the best talk awards:

Anna Severin for best talk
Peter Raguindin for best poster

Congratulations to them both!

For the Symposium 2021 Schloss Münchenwiler has been booked. We sincerely hope the event can be held as planned and look forward to a large turnout.

Acknowledgments

Our sincere and special thanks go to

Ursula Zingg from the Theodor Koch Institute (TKI) for sharing her great experience and deep knowledge of the University, for being a solution-oriented person and for her enthusiastic approach to every administrative challenge.

Marianne Schori from the Theodor Koch Institute (TKI) for her continuous and calm support which has been a tremendous benefit to the GHS Administration.

Raffaele Battaglia and the Institute of Social and Preventive Medicine (ISPM) IT Support Team for keeping the GHS on track and running with their professional support and patience in dealing with staff turnover, equipment changes, the switch to home office, varying levels of IT-literacy, the need for stable internet connections and the many last-minute urgent requests.

Prof. Dr. Tobias Nef and Dr. Stephan Gerber from ARTORG Center for Biomedical Engineering Research for agreeing to take on and take over the planning of the virtual GHS Symposium 2020 at short notice. Their competent and enthusiastic support allowed the GHS symposium to take place successfully.

As well as the essential support of all the experts and the invaluable contributions of the entire GHS organization, boards and committees.