



MEGATRENDS WITHIN SIMULATION

Pedagogy and learning aimed at demands on the future healthcare labor markets

Invitation 3rd International Conference on megatrends within simulation

The conference will be held in Vejle, Denmark 23 May 2019
The program is from 8.30 am to 15.40 pm

The Danish Healthcare System is characterized by high standards and high level of innovation and cooperation across sectors and professions. The development within especially the welfare technology constantly requires new job profiles and ways of collaboration. That means innovative healthcare personnel capable of creating solutions for tomorrow, linking health, entrepreneurship and innovation for the benefit of patients and society.

Changes in the profiles of the future care and health professional's also set new demands for the institutions offering healthcare education.

The institutions play a central role in developing curricula, organizing and promoting new programs, and incorporating new technology and training environments that support and deliver on the everchanging skills critical for the healthcare providers of the 21st century.

The use of simulation in education plays a significant role in connection with the skills required in 21st century and simulationbased healthcare education has extended massively over the recent years. In 2015 and 2017 the Basic Health Care College of Fredericia-Vejle-Horsens hosted two suc-

cessful international conferences on simulation with well over 200 participants from all over the world. In 2019 the Basic Health Care College of Fredericia-Vejle-Horsens became a part of the Knowledge Center for Welfare and Assistive Technology West Denmark in collaboration with two other Basic Health Care Colleges in Denmark; SOSU Nord and SOSU Fyn. The Knowledge Center for Welfare and Assistive Technology West Denmark is funded by the Ministry of Education in Denmark.

In 2019 the Knowledge Center for Welfare and Assistive Technology West Denmark will draw on the positive experiences from earlier years and host an international conference in Vejle 23 May 2019 with a dedicated focus on:

Megatrends within simulation – pedagogy and learning aimed at demands on the future healthcare labor markets.

The conference will focus on the most recent methods, trends and megatrends within the simulation area. In addition to the two key-note speakers the participants will be given a chance to attend a number of work-shops held by specialists in the field of "Healthcare Simulation" from all over the world.

Præsentation af Key-note speakers



Pamela R. Jeffries, PhD, RN, FAAN, ANEF, FSSH

Pamela R. Jeffries is internationally renowned for her research and work within nursing and healthcare education. For many years she has contributed significantly to the development of innovative teaching strategies and new pedagogy and methods. Pamela R. Jeffries is a sought-after keynote speaker and author of several books on simulation.



Kirsty Harris, MA, PGCE, RN

Kirsty Harris is a Senior Lecturer, School of Health Sciences and Social Work, University of Portsmouth. Kirsty Harris was registered as an adult nurse in the year 2000 and has worked as a rotational nurse including Intensive care, emergency medicine, surgery and acute medicine. Kirsty Harris successfully completed a Simulation Fellowship with Health Education England in 2011, and proceeded to start a Professional Doctorate in Simulation. She has had the opportunity to bid for a Mental Health initiative to receive funding from the Wessex Health Science Academy Network (WHSAN) within simulation using Recognising and Assessing Medical Problems in a Psychiatric setting by Dr Paul Rowlands. This led on to designing and delivering in-situ simulation called Cluedo.

8.30 -9.00	Small breakfast and registration, Torvehallerne in Vejle
9.00-9.10	Video welcome by Chairman of The Board, Jakob Bjerregaard, The Basic Health Care College of Fredericia-Vejle-Horsens
9.10-9.30	Opening and introduction to the conference by Réne M. Larsen, Head of Knowledge Center for Welfare and Assistive Technology West Denmark and conference organizer Lars Hajslund
9.30-10.30	State of the Science in Clinical Simulations and the Policy Implications for Educators Pamela R. Jeffries, PhD, RN, FAAN, ANEF, FSSH, Professor of nursing and dean of George Washington University School of Nursing
10.30-11.00	Coffee Break
11.00-12.00	Mental Health – the next generation Kirsty Harris, Senior Lecturer, RGN, Cert.Ed, MA University of Portsmouth, department of Health Sciences & Social Work
12.00-13.00	Lunch
13.00-13.45	Workshop A session 1-5
13.45-14.30	Coffee Break
14.30-15.15	Workshop B session 1-5
15.20-15.40	Summary of the day by conference organizer Lars Hajslund

Workshops

A	B
<p>A1</p> <p>Building a Simulation-Based Curriculum: The Essentials, Debriefing and Evaluation Approaches Pamela R. Jeffries, PhD, RN, FAAN, ANEF, FSSH Professor of nursing and dean of George Washington University School of Nursing</p>	<p>B1</p> <p>The Mental Health Crisis Kirsty Harris, Senior Lecturer, RGN, Cert.Ed, MA University of Portsmouth, department of Health Sciences & Social Work</p>
<p>A2</p> <p>Skills of reflection in the Health Service and Health Education Louise Gerber, Development Manager, Social- og Sundhedsskolen Syd (In Danish)</p>	<p>B2</p> <p>The use of Virtual Reality in Teaching Students within Social and Health Care Education Tanja Holm, Director of Simulation, Coordinator Knowledge Center for Welfare and Assistive Technology West Denmark – Thomas Ketel Eggensen teacher and coordinator Knowledge Center for Welfare and Assistive Technology West Denmark (In Danish)</p>
<p>A3</p> <p>Reflective practice: Enhancing Engagement and Expanding Knowledge and Evidence Gisela Van Rensburg (D Litt et Phil, RN, FANSA) Professor, Department of Health Studies, University of South Africa (UNISA)</p>	<p>B3</p> <p>Reflective practice: Enhancing Engagement and Expanding Knowledge and Evidence Gisela Van Rensburg (D Litt et Phil, RN, FANSA) Professor, Department of Health Studies, University of South Africa (UNISA)</p>
<p>A4</p> <p>How to Connect Theory and Practice – with intersectorial examples Manja Bjerring Rothenberg, Teacher, The Basic Health Care College of Fredericia-Vejle-Horsens (In Danish)</p>	<p>B4</p> <p>A Pedagogical Model for Teaching and Learning Hanne Elisabeth Helleshøj, President, Social- og Sundhedsskolen Fredericia-Vejle-Horsens (In Danish)</p>
<p>A5</p> <p>Inter-Professional Experiences in Healthcare Simulation Carrie Thompson, Associate Dean – Health Division – Christopher Fischer, Associate Dean – Health Division-Shelly Dempewolf , Instructor – Associate Degree Nursing, Fox Valley Technical College</p>	<p>B5</p> <p>The use of Technology in Simulation – consequences and the butterfly effect Anne Mette Felsted Rasmussen, Ph.D. Studerende, RN, Aarhus University and UCL University College Jill Van der Like, Ph.D., RN, University of West Florida Hans Henrik Johansen, CRNA, Territory Manager, Laerdal Medical</p>

Overview on workshops

Workshop A1

Building a Simulation-Based Curriculum:

The Essentials, Debriefing and Evaluation Approaches

This presentation will provide the basic elements needed when creating a simulation-based curriculum. Key essentials will be described in addition to different debriefing approaches which are important to connect theory to practice for the learner or new graduate. To obtain the evidence and outcome data, evaluation strategies will be presented to provide an overview how to measure the success of simulation outcomes, the process of implementing a simulation and the overall student learning outcomes.

Workshop A2

Skills of reflection in the health service and health education

The skill of reflection is required both in general health service as in health education. Through reflection, the student has to be able to make a connection between recently required knowledge and skills from practice, and the student should be able to adapt to the individual situation. Therefore it is necessary that the social- and healthcare students train their ability to reflect during their education. In this workshop, we will give suggestions to how teachers and supervisors can support the reflective abilities of the students.

Workshop A3

Reflective practice: Enhancing engagement and expanding knowledge and evidence

The workshop is designed for nurse leaders, nurse educators, clinical facilitators and other nurse practitioners to equip them with knowledge and skills to engage in and facilitate reflective activities. Participants in the workshop will be guided in applying reflective activities in a systematic way of integrating knowledge and experience with continued learning. Reflection assists with continually improving our outcomes by practising by choice, not chance and is a way of thinking about our actions and responses in order to change future actions and responses. Therefore, an understanding of reflective practice enhances the transformative elements of reflection and effectively integrates those elements into our day-to-day functioning and evidence-based practice.

The workshop aims to address reflective practice as a way to engage with the self and others, and reflection as a teaching and learning activity, management tool and practical action that could assist in effective actions, personal growth and lifelong learning.

Workshop A4

How to connect theory and practice – with intersectorial examples

The presentation is about how simulation can be used to connect theory and practice in order to improve students' learning. The presentation makes use of simulation examples from the classroom as well as practice. Intersectorial simulation is used to teach the students about periods of transitions in health care.

Workshop A5

Inter-Professional Experiences in Healthcare Simulation

At Fox Valley Technical College various programs in healthcare and public safety (i.e. emergency medical technicians) is connected to provide students hands-on, practical training opportunities to enhance understanding and skills. This workshop includes a short video presentation of events that take place in these programmes and a discussion on how FVTC includes mental health and human-patient simulation within the different educations.

Workshop B1

The Mental Health Crisis

The workshop introduces an interactive approach to managing a patient that has taken an overdose or cut their wrists.

The workshop will cover a short summary of the following: General health, Stress, Non-judgemental listening, Talking to someone who is suicidal, Self harm and accidental suicide, Substance misuse, Psychosis, Dementia/delirium, PTSD.

Workshop B2

The use of Virtual reality when teaching students within Social and Health Care Education

Demonstration on how Virtual Reality (VR) can be used in the teaching of pupils in social and health education. At the workshop it will be illustrated how VR is used in the briefing phase or as the scenario in a simulation session.

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Workshop B4

A Pedagogical Model in Nursing Education

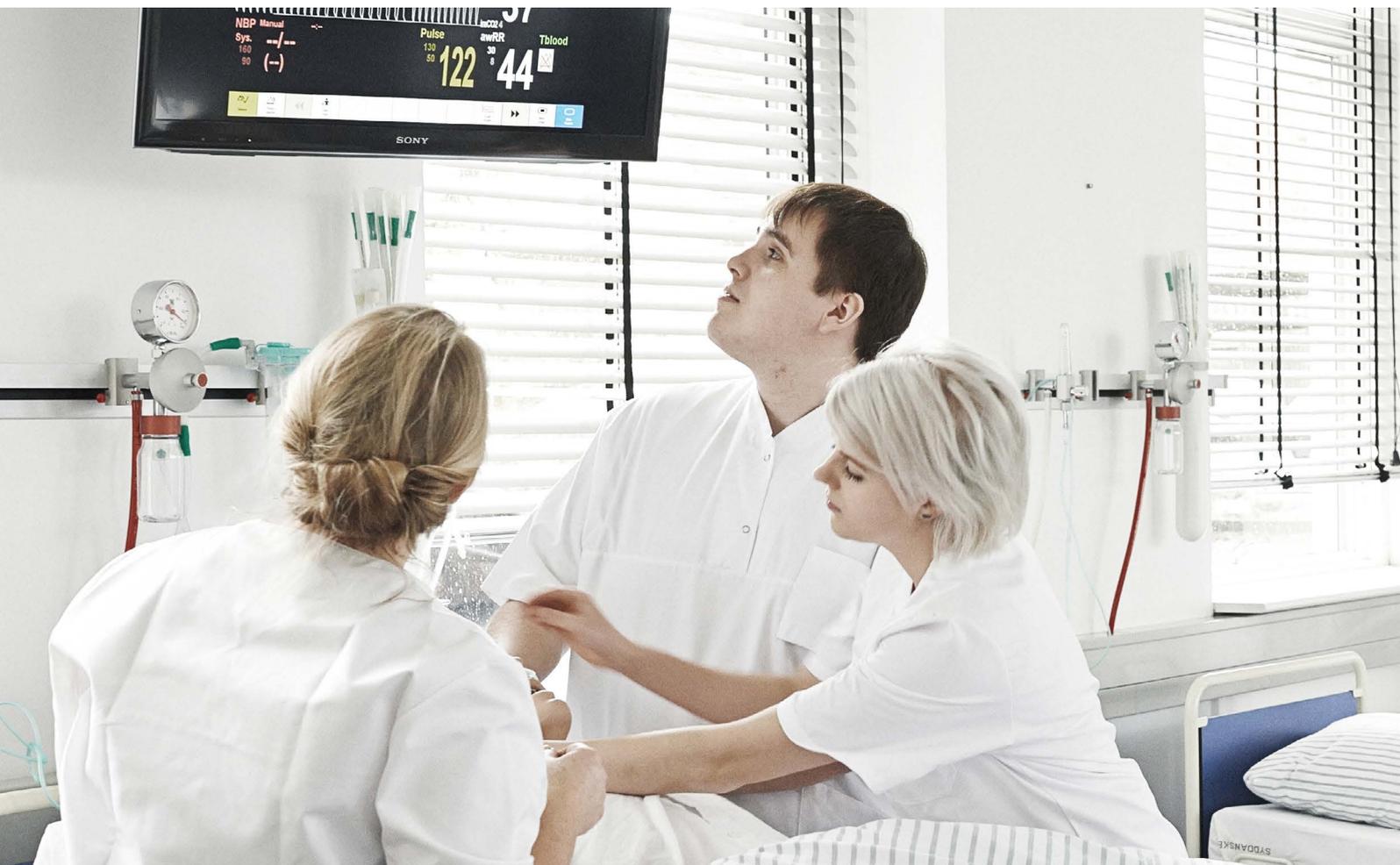
At the Basic Health Care College of Fredericia, Vejle and Horsens we base our pedagogy on a mutual didactical-pedagogical framework.

In this workshop the framework will be presented and connected to teaching practice in the classroom, in collaboration between teachers and in development of teaching in general.

Workshop B5

The use of Technology in Simulation – consequences and the butterfly effect

This workshop will address experiences regarding simulation training and challenges when you integrate different technologies. The workshop will approach the issue from different perspectives. A research perspective presenting findings from a current simulation study and an angle from a development and management perspective.



Keynote Speakers

Pamela R. Jeffries, PhD, RN, FAAN, ANEF, FSSH

Professor of nursing and dean of George Washington University School of Nursing

Kirsty Harris, Senior Lecturer, RGN, Cert.Ed

MA University of Portsmouth, department of Health Sciences & Social Work

Workshop speakers

Louise Gerber

Development Manager, Social- og sundhedsskolen Syd

Gisela Van Rensburg (D Litt et Phil, RN, FANSA)

Professor, Department of Health Studies, University of South Africa (UNISA)

Manja Bjerring Rothenberg

Teacher, The Basic Health Care College of Fredericia-Vejle-Horsens
and Nurse with educational responsibility, Hospital of Horsens

Carrie Thompson

Associate Dean-Health Division, Fox Valley Technical College

Christopher Fischer

Associate Dean-Health Division, Fox Valley Technical College

Shelly Dempewolf

Instructor-Associate Degree Nursing, Fox Valley Technical College

Tanja Holm

Director of Simulation at The Basic Health Care College of Fredericia-Vejle-Horsens
and Coordinator Knowledge Center for Welfare and Assistive Technology West Denmark

Thomas Ketel Eggensen

Teacher at The Basic Health Care College of Fredericia-Vejle-Horsens
and Coordinator Knowledge Center for Welfare and Assistive Technology West Denmark

Gisela Van Rensburg (D Litt et Phil, RN, FANSA)

Professor, Department of Health Studies, University of South Africa (UNISA)

Hanne Hellesthøj

The Basic Health Care College of Fredericia-Vejle-Horsens

Anne Mette Felsted Rasmussen

Ph.D. Studerende, RN, Aarhus University and UCL University College

Jill Van der Like

Ph.D., RN, University of West Florida

Hans Henrik Johansen

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DK-7100 Vejle

