

REPORT

ANNUAL REPORT 2021

SHARE - CENTRE FOR RESILIENCE IN HEALTHCARE



Main partners



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Contents

ABOUT

SHARE	4
Internationalisation	5

LARGE RESEARCH PROJECTS

SAFE-LEAD primary care	6
QUALinCLINstud	8
COVCOM	10
Resilience in Healthcare	12
PAN-FIGHT	14
NORHED II	15

PHD PROJECTS AND POSTDOCTORAL PROJECTS

PhD projects	16
Postdoctoral projects	16

CONSORTIUM PARTNERS

Patient Safety Research Group at NTNU Gjøvik	17
Prehospital Patient Safety at the Norwegian Air Ambulance Foundation	18

CELEBRATING PHILOSOPHIAE DOCTORS

Inger Johanne Bergerød	21
Heidi Dombestein	22
Sina Furnes Øyri	23

RESEARCH DISSEMINATION

International Symposium of Tokyo Metropolitan University	24
SHARE International Symposium for Early Career Research in Quality and Safety	25
Norwegian Patient Safety Conference PSC2021	26
Book launch: Teamwork improves quality and patient safety in healthcare	27

OTHER ACTIVITIES

Network for Carer Research	28
Monthly Research Meetings	29
Writing Seminars	30

FINANCIAL STATUS

PUBLICATIONS

Overview of academic contributions 2018-2021	32
Academic journal articles	32
Book, book chapters, reports and dissertations	35
Conference contributions and scholarly presentations	36
Popular science contribution	42
Media contributions and website material	42

ABOUT



SHARE-fellows at their yearly writing seminar at Farsund Resort 2021.
Photo: Private

SHARE

The Centre for Resilience in Healthcare (SHARE) is currently one of eight research centres at the University of Stavanger (UiS). The Centre was established in 2017 at the Faculty of Health Sciences. Together with the two national partners, Norwegian Air Ambulance Foundation (NAAF) and the Norwegian University of Science and Technology, Gjøvik (NTNU Gjøvik) it constitutes Norway's largest research group studying quality and safety in healthcare.

SHARE is a multidisciplinary Centre with over 60 researchers affiliated including nurses, medical doctors, psychologists, physiotherapists, occupational therapist, lawyers, sociologist, engineers, radiographers, and safety scientists. The Centre's main pillar is the solid base of PhD scholars conducting research in areas such as interdisciplinary teamwork, co-production, involvement, telecare, regulation, evaluation of improvement measures, and analysis of healthcare processes. Many of the PhD scholars apply a resilience perspective to their research topics. Currently, SHARE has 33 ongoing PhD projects.

Patient and Stakeholder involvement

SHARE's research activities involve extensive collaboration with hospitals, primary care services, municipalities, technology suppliers, regulatory authorities, and user/

patient representatives and organisations. To support these collaborative activities and involve stakeholders from throughout the healthcare system, the Centre has a patient and stakeholder involvement (PSI) strategy (2019) and a patient and stakeholder involvement panel. The involvement panel has a wide representation of patient and stakeholders from macro, meso and micro level in the Norwegian healthcare system. The involvement panel, together with the PSI strategy, aims at facilitating a greater degree of interaction and input to the researchers, projects and increase the overall relevance and impact of the planned and conducted research within the Centre.

Approval of another five-year period

Research centres at UiS exist on a five plus five years basis. In 2021 SHARE conducted

a midterm evaluation and was approved for the second five-year centre period (2022–2027). The midterm evaluation assessed the results of the first period according to the UiS guidelines for research centres and the consortium agreement. The evaluation focused on the overall goals for the centre, its research, external funding, internationalisation, research training and recruitment, and the Centre structure and leadership. Overall, the Centre delivers good results on all evaluation criteria and will in the next period work on revising the research strategy, PSI strategy, and dissemination plan with the aim of positioning the Centre in the international forefront of research on quality and safety in healthcare. Our focus is also on being an attractive working environment for national and international researchers at all stages of their career.

Internationalisation

SHARE's strategic vision is to become an internationally recognized research centre by reforming the understanding of quality and safety in current healthcare systems using a new and comprehensive resilience in healthcare framework. To achieve such status, the Centre must develop, share, and communicate new knowledge on resilience at all levels of healthcare (micro, meso, macro).

SHARE collaborates with world leading researchers and research groups in Scandinavia, Europe, Australia, Afrika, USA, and Japan. The internationalisation efforts take several forms with the most important being researcher mobility, joint grant applications, organisation of expert panels and seminars, attendance at conferences, and adjunct professorships. Due to the COVID-19 situation, mobility and travels proved challenging in 2021 and several planned mobility activities in the large research projects have been postponed. Despite this, SHARE has been able to carry out internationalisation activities.

Here follows a summary of 2021 activities, from which detailed information is provided in this annual report:

- SHARE organized the SHARE International Symposium for Early Career Research in Quality and Safety in Healthcare, 23–24th November with more than 50 participants.
- SHARE researchers have been keynote speakers at international digital conferences and seminars in Japan, Australia, Norway.
- SHARE participated in one National Institute for Health Research grant application and three EU grant applications, including consortiums consisting of multiple partners across several countries.
- As partner in the DIKU project STERNA, SHARE participated in running the course *Resilience Engineering and Safety Management for Complex*

Socio-Technical Systems, which is conducted in collaboration with universities in Norway and Brazil. The course was available for master and PhD students.

- Five international adjunct professors and two international honorary professors are affiliated with SHARE.
- SHARE researchers have been elected into the Resilient Healthcare Society Executive Committee and elected members of ISQUA Academy (International Academy of quality and Safety (IAQS)).



LARGE RESEARCH PROJECTS

SHARE RESEARCHERS

Professor Siri Wiig
(Project manager)

Professor Karina Aase

Associate professor Ingunn Aase

Associate professor Eline Ree

Associate professor Hilda Bø Lyng

PHD CANDIDATES

Terese Johannessen, SHARE,
University of Stavanger

Torunn Strømme, SHARE,
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Elisabeth Holen Rabbersvik,
Kristiansand municipality - Centre
for Development of Institutional and
Home Care Services, Agder

Anne Torhild Sandvik Pedersen,
Next of Kin Representative

Elsa Kristiansen,
Patient Representative

Torunn Grinvoll,
Directorate of Health, Health & Social
Services Ombudsman, Vestfold

PARTNERS

Associate Professor Hester
van de Bovenkamp, Erasmus
University Rotterdam, The
Netherlands

Professor Roland Bal, University of
Rotterdam, The Netherlands

FUNDING

Research Council Norway (RCN) -
HELSEVEL

BUDGET

22 mill NOK (12 mill RCN)

PROJECT PERIOD

1 October 2016-31 December 2021



SAFE-LEAD primary care

There is an urgent need for quality and safety competence and available support tools for managers in nursing homes and homecare. We conducted the SAFE-LEAD intervention in 2018-2019 to reduce this competence gap. The aim of SAFE-LEAD was to build leadership competence by developing, implementing and evaluating a guide for managers' quality improvement work in nursing homes and homecare services. The SAFE-LEAD guide and intervention were developed using a participatory approach in close collaboration with co-researchers, partners, and participants from nursing homes and homecare services.

The SAFE-LEAD guide and intervention results

The aim of the SAFE-LEAD intervention was to build leadership competence by developing, implementing and evaluating a guide for managers' quality improvement work in nursing homes and homecare services. The guide is designed as a reflexive tool for managers to support diagnosing and improving quality and safety work in their organisations. The guide focuses attention on seven quality challenges that all managers face: structure, culture, engagement, competence, coordination/organisational politics, external demands, and physical and technological challenges. It consists of a three-step process: 1) managers start by rating themselves on the seven challenges and decide which challenge(s) they will focus their quality improvement work on, 2) select goals related to the specific challenge, and 3) develop specific action plans according to the goals.

The intervention that was conducted in 2018-2019 included implementing the SAFE-LEAD guide in four nursing homes and four homecare services in southwestern Norway. The intervention program consisted of workshops, site visits, e-learning material, demonstration videos, and studio lectures to support the implementation of the guide. The guide

was designed both as a paper-based version (booklet) and as a web-tool.

The evaluation of the intervention has been completed and results from the project have been published in scientific research papers throughout the project period. In particular, we have gained more knowledge on how managers work with quality and safety, what challenges they face in their quality and safety work, how the managers experienced to use of the SAFE-LEAD guide, and how healthcare personnel work to involve patients and users in both daily work and in quality improvement processes. The findings show that the intervention, with the use of the leadership guide contributed to common understanding and commitment for quality and safety improvement among managers. We found that stable management and established structures were crucial for quality improvement activities to take place. The SAFE-LEAD guide and intervention served as an arena and a system for managers to work with quality and safety improvement.

We are currently working on cross-country comparison with our Dutch partners at ERASMUS University, Rotterdam. Here we explore how geographical context impact quality work in elderly care in Norway and the Netherlands.



Siri Wiig and Ingunn Aase during the SAFE-LEAD podcast production.

Photo: Private



Terese Johannessen at the SAFE-LEAD 'lessons learned' conference.

Photo: Siri Wiig

Safe-Lead conference and podcast

During the spring of 2021 the project launched the 'Safe-Lead Podden' which is a podcast to disseminate results and experiences from the project. Researchers and co-researchers contributed to 13 episodes covering numerous topics of relevance for healthcare managers and researchers. In November 2021 we organized an open SAFE-LEAD 'lessons learnt' conference to disseminate results and put quality and safety leadership in nursing homes and homecare on the agenda. Presentations and discussion sessions included researchers, co-researchers and invited speakers from the Norwegian Directorate of Health and the Norwegian Healthcare Investigation Board. More than 100 participants signed up from the main target groups of managers in nursing homes and homecare in addition to several researchers.

"Improving quality and safety competencies among leaders in home care and nursing homes"

SELECTED PUBLICATIONS AND LINK TO PODCAST:

Aase, I., Ree, E., Johannessen, T., Strømme, T., Ullebust, B., Holen-Rabbersvik, E., Hurup Thomsen, L., Schibevaag, L., van de Bovenkamp, H., & Wiig, S. (2021). Talking about quality: how 'quality' is conceptualized in nursing homes and homecare. *BMC Health Services Research*

Johannessen, T., Ree, E., Aase, I., Bal, R., & Wiig S. (2021). Exploring managers' response to a quality and safety leadership intervention: findings from a multiple case study in Norwegian nursing homes and homecare services. *BMJ Open Quality*

SafeLead Podcast: <https://nettop.guru/wordpress/category/safe-lead/>

LARGE RESEARCH PROJECTS

SHARE RESEARCHERS

Professor Kristin Akerjordet
(Project manager)

Associate professor Kristin Laugaland

Associate professor Ingunn Aase

Associate professor Anne Marie Lunde
Husebø

CO-RESEARCHERS

Son Than Tran -
Stavanger Municipality

Jannicke Bekkelund -
Stavanger Municipality

PHD CANDIDATES

Christina Tølbøl Frøiland,
University of Stavanger

Ingrid Espegren Dalsmo,
University of Agder

Ann Kristin Skalleberg,
University of South-Eastern Norway

PARTNERS

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University of South-Eastern Norway

Associate professor Hilde Solli,
University of South-Eastern Norway

Postdoctoral candidate Monika Ravik,
University of South-Eastern Norway

Professor Åshild Slettebø,
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Associate professor Else Mari Ekra,
University of Agder

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Queen Margaret University, UK

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Roskilde University, Denmark

Professor Patrick Crookes,
University of Canberra, Australia

Professor Stephen Billett,
Griffith University, Australia

FUNDING

Research Council Norway (RCN) -
HELSEVEL

BUDGET

14 mill NOK (RCN)

PROJECT PERIOD

1 June 2018-30 December 2022



QUALinCLINstud

The Improving quality in clinical placement studies in nursing homes (QUALinCLINstud) project addresses the urgent need for improved quality and efficiency in clinical supervision and assessment of student nurses in nursing home placements. This will be approached through a novel, collaborative, co-productive, social innovation and learning process between the nurse education system, student nurses and nursing homes.

The study is structured across four sequential work packages. In 2021, a digital educational intervention (VIS) targeted to enhance nurse mentor's supervision and assessment competence was developed and pilot tested in one of the case study settings. Following the pilot study, a comprehensive development process of an interactive web-based program targeting

all stakeholder groups (student nurses, teachers, and nurse mentors) was initiated and resulted in the development of the digiQUALinPRAX tool. Workshops and dialogue meetings have been conducted as the main co-creation activity throughout the developmental process. Both processes were performed in close collaboration with NettOp, the Department for



From left: Christina Tølbøl Frøiland, Ann Kristin Skalleberg and Ingrid Espegren Dalsmo.



Photo: Private

Selected Publications from 2021:

Frøiland, C. T., Husebø, A. M. L., Akerjordet, K., Kihlgren, A., Laugaland, K. A. (2021)

Exploring mentorship practices in clinical education in nursing homes: A qualitative mixed-methods study. *Journal of Clinical Nursing*

Laugaland, K. A., Billett, S., Akerjordet, K., Frøiland, C. T., Grealish, L., Aase, I. (2021). Enhancing student nurses' clinical education in aged care homes: a qualitative study of challenges perceived by faculty staff. *BMC Nursing*

Laugaland, K. A., Kaldestad, K., Espeland, E., McCormack, B., Akerjordet, K., Aase, I. (2021) Nursing students' experience with clinical placement in nursing homes: a focus group study. *BMC Nursing*

digital development at the University of Stavanger (UiS). Throughout 2022 digiQUALinPRAX will be tested and evaluated.

In 2021, a web-based survey was performed at Campus UiS, University of Southern Norway (USN) and the University of Agder (UiA) targeting all the first year Bachelor Nursing students in Nursing Home Placements to see how they perceive their learning environments. Unfortunately, the response rate was too low for statistical analysis. An adjusted version of this web-based survey will therefore be included alongside the testing of the digiQUALinPRAX in 2022.

Overall, the project holds great potential for value creation and will contribute to expand the current knowledge base concerning supervision and assessment practices in nursing home placements. The project aims to identify improvement measures and document the utility value of user involvement in developmental processes and the value of digital educational tools applied in clinical placements, which are currently lacking in Norway.

The PhD candidates in the research project, Christina Frøiland (UiS), Ingrid Espegren Dalsmo (UiA) and Ann Kristin Skalleberg (USN) participated at the Nordic Conference in Nursing Research in Copenhagen on the 4-6th of October 2021 presenting research on scientific methods and networking. Christina contributed with a poster from her sub-study II and Ann Kristin and Ingrid had an oral presentation of their method used in their sub-study II. The PhD candidates got the opportunity to meet with Professor Brendan McCormack, a vital contributor to our Advisory Board, for discussions and scientific sparring. Professor Brendan was one of the Keynote Speakers at the conference. Representatives from the research group have also participated at the University of Stavanger (UiS) Pedagogical Week focusing on Quality in Clinical Placements exploring the What's and How.

LARGE RESEARCH PROJECTS

SHARE RESEARCHERS

Professor Jo Røislien (Project manager)
Professor Siri Wiig
Professor Kolbjørn Kallesten Brønnick
Dean of Research Henriette Thune (PhD)
Postdoctoral candidate Siv Hilde Berg
Postdoctoral candidate Marie Therese Shortt
Postdoctoral candidate Daniel Lungu

PARTNERS

Professor Jane O'Hara, University of Leeds, UK.
Professor Ionica Smeets, Leiden University, The Netherlands
Professor Stig Harthug, Haukeland University Hospital and University of Bergen, Norway
Professor Stephen Sollid, Norwegian Air Ambulance, Norway
Research Director and Associate professor Svein Skeie, Stavanger University Hospital and University of Bergen, Norway
Martha Strandos, Head of Centre for Developing Institutional and Home Care Services Sogn and Fjordane, Norway

FUNDING

Trond Mohn Foundation
University of Stavanger
Stavanger University Hospital
Norwegian Air Ambulance Foundation
Leiden University

BUDGET

11,5 mill NOK

PROJECT PERIOD

July 2020–August 2022

PROJECT HOMEPAGE:

<https://covcom.org>

COVCOM

The aim of the project 'Covid Communication: Fighting a pandemic through translating science' (COVCOM) is to research the use of video for communicating complex, but important health messages about pandemics, primarily to the general population. The project is threefold: A qualitative study where we lay the groundwork through interviews and literature reviews; a creative study where we explore the creation of video communication; and a quantitative study where we test video communication in controlled experiments.

The interviews and literature reviews have revealed multiple useful results regarding how people perceive and act on pandemic information, characteristics of the types of communication that tend to work and not, and the struggle both health experts and communicators have when faced with the need to pinpoint what information to focus on, and how to balance scientific rigor with the need for simplification and clarity of message in order to reach out to large audiences.

The study has also found a creative gap between health authorities and professional media creators in their video communication, accompanied by limited outreach. Closely

following industry professionals when creating pandemic videos has resulted in valuable insights into their creative processes, and new methodologies for how this can be utilized by the health authorities is in development.

In laboratory experiments we have tested various non-visual factors in video communication in a stylized, deliberately low budget manner, assessing effects on comprehension and attitudes. Towards the end of 2021 a large-scale randomized controlled trial, with thousands of participants, was run, testing outcomes of the professionally made videos. Results will be available later in 2022.

“COVID communication: Fighting a pandemic through translating science”



COVCOM team at Trust Me Conference. Photo: Private

COLLABORATORS PRIVATE SECTOR

Science Addiction
Bulldozer Film
Bacon OSL
Aller-gruppen
Dagbladet
Anorak

ADVISORY BOARD

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Professor Jeffrey Braithwaite, Macquarie University, Australia
Professor Morten Sodemann, University of Southern Denmark, Denmark
Johnny Advocaat-Vedvik, Department Director, The Directorate of Health, Norway

The project is in its final year, with most of the data collection and academic groundwork done. The first few academic papers are already published, and more will follow throughout 2022 and 2023. Many of the project's results are directly applicable to many public health and science communicators, and the project focuses on making results available also outside of academia. The first chronicles and op-eds are already available, and more popular science articles are planned, as more results and scientific papers are published.

SELECTED PUBLICATIONS:

Berg, S.H., O'Hara, J., Shortt, M. T., Thune, H., Brønnick, K. K., Lungu, D. A., Røislien, J., Wiig, S. (2021). Health authorities' health risk communication with the public during pandemics: a rapid scoping review. *BMC Public Health* 2021

Lungu, D. A., Røislien, Jo; Wiig, Siri; Shortt, Marie Therese; Ferre, Francesca; Berg, Siv Hilde; Thune, Henriette; Brønnick, Kolbjørn Kallesten. (2021). The Role of Recipient Characteristics in Health Video Communication Outcomes: Scoping Review. *Journal of Medical Internet Research*

Shortt, Marie Therese; Smeets, Ionica; Wiig, Siri; Berg, Siv Hilde; Lungu, Daniel Adrian; Thune, Henriette; Røislien, Jo. Shortcomings in Public Health Authorities' Videos on COVID-19: Limited Reach and a Creative Gap. *Frontiers in Communication* 2021; Volum 6. s. 1-15

LARGE RESEARCH PROJECTS

SHARE RESEARCHERS

Professor Siri Wiig
(Project manager 2020->)
Professor Karina Aase
(Project manager 2018-2020)
Professor Ove Njå
Adjunct Professor Carl Macrae
Associate Professor Elisabeth Jeppesen
Associate Professor Eline Ree
Postdoctoral candidate Veslemøy Guise
Postdoctoral candidate Cecilie Haraldseid-Driftland
Postdoctoral candidate Hilda Bø Lyng
Postdoctoral candidate Heidi Dombestein
PhD candidate Birte Fagerdal
Researcher Lene Schibevaag
Co-Researcher Hilde Valen Wæhle
Research assistant Janne Gro Alsvik

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University of Geneva, Switzerland
Professor Stephen Billett,
Griffith University, Australia
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Erasmus University, The Netherlands
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Professor Jane O'Hara,
University of Leeds, UK
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Maastricht University, The Netherlands

FUNDING

Research Council Norway - FRIPRO
TOPPFORSK, University of Stavanger
NTNU Gjøvik,
The Norwegian Air Ambulance Foundation

BUDGET

66 mill NOK

PROJECT PERIOD

1 September 2018-31 December 2023

Resilience in Healthcare

Resilience in healthcare is the diverse capacities of a healthcare system that allow it to maintain the delivery of high-quality care during and after events that challenge, change or disrupt its activities, by engaging people in collaborative and coordinated processes that adapt, enhance or reorganize system functioning in response to those events. In short, the Resilience in Healthcare project has defined resilience as the capacity to adapt to challenges and changes in everyday practices at different system levels, to maintain high quality care.

In 2021, the project has been working on advancing the Resilience in Healthcare theoretical framework, modelling Patient and Stakeholder involvement in resilience, and establishing the Collaborative learning framework and a digital platform for learning tools. The development is based on a meta-synthesis on resilient adaptive capacities across empirical settings, system levels, and stakeholders. The meta-synthesis is based on a sample of projects selected from several former and ongoing research projects involving members of SHARE. It is also supported by in-depth

interviews with researchers involved in the included sample.

To ensure understandable and relevant use of concepts, time, and relevance of the comprehensive resilience frameworks to the target audiences, workshops with SHARE' Patient and stakeholder involvement panel, focus groups with representatives from nursing homes, homecare, and hospitals have been completed. The framework will undergo testing in the next period.

SELECTED PUBLICATIONS FROM 2021:

Bø Lyng, H. Macrae, C. Guise, V. Haraldseid-Driftland, C. Fagerdal, B. Schibevaag, L. Alsvik, J.G., & Wiig, S. (2021). Balancing adaptation and innovation for resilience in healthcare - a metasynthesis of narratives. *BMC Health Services Research*

Haraldseid-Driftland, C., Aase, K., Wiig, S., Billett S. (2021). Developing a collaborative learning framework for resilience in healthcare: a study protocol. *BMJ Open*

Guise, V. Aase, K. Chambers, M. Canfield, C. & Wiig, S. (2021). Patient and stakeholder involvement in resilient healthcare: an interactive research study protocol. *BMJ Open*



Workshop at Utstein Monastery with the RiH project group.
Photo: Siri Wiig

Furthermore, the data collection in international study of resilience in healthcare across the six countries is ongoing, although the covid situation causes delays in some of the countries. The cross-country comparative study adds knowledge of how resilience is enabled

in diverse healthcare systems by examining adaptive capacity in hospital teams in England, Switzerland, Japan, the Netherlands, Australia, and Norway.

LARGE RESEARCH PROJECTS

PROJECT MANAGER

Associate professor Kristin Soerung Scharffscher, University of Stavanger

WORK PACKAGE LEADERS

Professor Mathilde Bourrier, University of Geneva, Switzerland

Professor Frederic Emmanuel Boudier, University of Stavanger, Norway

Professor Hande Eslen Ziya, University of Stavanger, Norway

Professor Siri Wiig, University of Stavanger, Norway
Kristin Soerung Scharffscher, University of Stavanger, Norway

SHARE RESEARCHERS

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Postdoctoral candidate Olena Koval

OTHER POST DOCTORS

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Sanjana Arora, University of Stavanger, Norway
Olena Koval, University of Stavanger, Norway

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Professor Ragnar Lofstedt, King's College London, UK

Professor Ann Bostrom, University of Washington, USA

Dr Darrick Evensen, University of Edinburgh, Scotland

Professor Ortwin Renn, Dialogik, Germany

Professor Baruch Fischhoff, Carnegie Mellon University, Mid Sweden University, USA/Sweden

Richard Utne, County Governor in Agder, Norway

Stavanger Municipality

Stavanger University Hospital

The Norwegian Directorate for Civil Protection

The Norwegian Medicines Agency

BUDGET

13,7 mill NOK

PROJECT PERIOD

1 June 2020–31 August 2022



PAN-FIGHT Workshop in Geneva. From left; George Warren, Farnaz Mahdavian, Evangelia Petridou, Frederic Emmanuel Boudier, Jörgen Sparf, Matan-Ilan Shapiro, Michael Deml, Alexandrine Dupras, Kamyar Kompani, Kristin Soerung Scharffscher, Mathilde Bourrier. Photo: Private

PAN-FIGHT

The aim of the PAN-FIGHT project is to develop knowledge to improve international, national, and local responses to the COVID-19 outbreak and strengthen emergency preparedness through enhanced health risk communication strategies. This will be accomplished by designing and conducting a comparative study based on data from Sweden, Germany, Switzerland, the United Kingdom, and Norway.

The project also aims to develop stakeholder recommendations for future pandemic risk communication and its prevention and mitigation. PAN-FIGHT is a collaboration between the University of Stavanger (UiS), with SHARE and the Faculty of Health Sciences as partners. The project is led by the Faculty of Technology at UiS. The project is divided into five work packages. The researchers from SHARE are collaborating with other project members and partners with a focus on developing recommendations for enhanced risk communication.

In 2021 PAN-FIGHT collected both qualitative and quantitative data, including writing five country reports and one comparative report, conducting interviews with decision-makers and communication authorities, as well as collecting survey data from nearly 5000 people in five European countries. The team published several scientific articles and during the next stage, aims to develop the recommendations for authorities to ensure lessons learnt for future pandemic risk communication, prevention, and mitigation. This will be done by synthesizing the results from qualitative, quantitative, and country context data sets. Our findings and recommendations will be disseminated on open access platforms and in popular scientific publications.

“Fighting pandemics with enhanced risk communication: Messages, compliance and vulnerability during the COVID-19 outbreak (PAN-FIGHT)”

SELECTED PUBLICATION FROM 2021:

Koval, O., Engen O.A, Kringen J., & Wiig, S. (2021). Strategies of communicating health-related risks to vulnerable groups of immigrants during a pandemic: a scoping review of qualitative and quantitative evidence. International Journal of Health Governance



From the Pan FIGHT workshop held at UiS in January 2022 Photo: Siri Wiig

SHARE RESEARCHERS

Professor Ingrid Tjøflåt (Project manager)

Professor Sissel Eikeland Husebø

FACULTY

Professor Kristin Hjorthaug Urstad

Associate Professor Bodil Bø

Associate Professor Eva Christina Risa

Institutional coordinator Magdalena Brekke

PARTNERS

Associate Professor Gertrude Mwalabu, Kamuzu University of Health Sciences (KUHeS), Malawi

Associate Professor Annie Msosa, Kamuzu University of Health Sciences (KUHeS), Malawi

Associate Professor Masauko Msiska, Kamuzu University of Health Sciences (KUHeS), Malawi

Associate Professor Jane Rogathi, Kilimanjaro Christian Medical University College (KCMUCo), Tanzania

Assistant Professor Paulo Kidayi, Kilimanjaro Christian Medical University College (KCMUCo), Tanzania

FUNDING

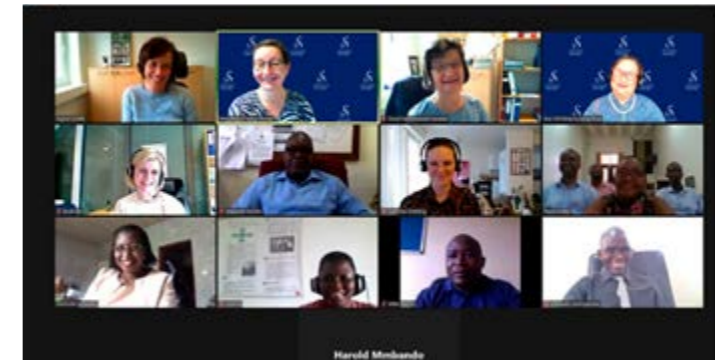
NORAD-NORHED II

BUDGET

17,6 mill NOK

PROJECT PERIOD

2021–2026



Screenshot of the meeting between the partners from UiS, KUHeS and KCMUCo. Photo: Private

NORHED II

The ‘NORHED II - Implementing simulation-based education in Malawi and Tanzania’ project aims to implement simulation-based education to strengthen the capacity and quality of nursing and midwifery education in Malawi and Tanzania.

This will be achieved by improving competencies on simulation-based education among nursing and midwifery lecturers and clinical instructors, by implementing relevant simulation based education in different study programs and producing research on simulation based education. Renovation of existing infrastructure in skill laboratories at KCMCo and KUHeS will be carried out to effectively implement simulation-based education and research. The project is built on South-South-North partnerships and contributes to share knowledge and capacity building in simulation-based education. Kamuzu University of Health Sciences and Kilimanjaro Medical University College are implementing the project. The project group at UiS is responsible for coordinating the project, as well as providing professional academic competencies in teaching and supervision. A partnership contract between University of Stavanger, Kamuzu University of Health Sciences, and Kilimanjaro Christian Medical University College was developed and signed in 2021.

“Implementing simulation-based education in Malawi and Tanzania”

Highlights from 2021:

- The digital ‘Kick off’ meeting for the project partners in February 2021.
- The project has funded 4 PhD candidates (2 from KCMUCo and 2 from KUHeS). 3 PhD candidates have started in 2021 and a new PhD from KCMUCo has started her studies in January 2022. The main supervisors are from KUHeS and KCMUCo, the researchers from UiS are co – supervisors.
- The faculty at KUHeS has conducted a baseline survey to determine the gaps and feasibility of simulation- based education in Malawi.
- 8 Master students (6 from KUHeS and 2 from KCMUCo) have been recruited and have started their studies at KUHeS in February 2022.
- A five-day digital simulation workshop for teachers and clinical instructors was carried out in September and followed up by a three-days ‘refreshment workshop’, related to simulation- based education.
- Throughout the year monthly management meetings with the partners are held.
- Dissemination of the project to various stakeholders in Malawi and Tanzania.

CONSORTIUM PARTNERS



Stephen Sollid with colleagues in a prehospital setting. Photo: NAAF

Prehospital Patient Safety at the Norwegian Air Ambulance Foundation

The Norwegian Air Ambulance Foundation (NAAF) collaborates with the University of Stavanger (UiS) on research and education in prehospital critical care and is one of three partners in the SHARE Centre.



Prehospital patient safety is an important research area for the NAAF and is thematically collected in the research cluster 'Prehospital Patient Safety'. Patient safety outside hospitals, is affected by other factors than patient safety, inside the hospitals. In the hospital, patient care is well designed for optimal treatment with health technology and interventions, defined roles and responsibilities in a safe environment. Outside the hospital, in the prehospital setting, both staff and patients are exposed to an unpredictable environment. Treatment is often time-critical and relies on immediately available resources and well-prepared expertise. Life threatening conditions must be treated promptly, decisions on patient care and treatment must be made under great uncertainty and transport carried out on many different platforms. This vulnerability is further amplified by the many elements of

the emergency chain and potential hand-over situations. All these factors impact the capacity to execute healthcare of the highest quality. Human factors play a core role in how well the providers of prehospital critical care handle this vulnerability.

To ensure and improve patient safety in a prehospital setting we need more knowledge on how to build, maintain and strengthen barriers against hazards and errors, and how to create, maintain and strengthen margins to allow for the necessary variation in medical care whilst still maintaining safe services.

The aim of our collaboration with UiS is to improve quality along the entire emergency chain by developing, implementing, and evaluating interventions.



Photo: NAAF

NAAF presently funds six PhD projects in SHARE:

1. 'Comparing risk management in different medical crew com-position models in Helicopter Emergency Medical Services' by Kristen Rasmussen.
2. 'Identification, validation and benchmarking of quality indicators in prehospital advanced airway management' by Alexander Kottmann.
3. 'National implementation of whole crew on-call in situ simulation in Norwegian HEMS; feasibility, challenges and benefits' by Per Bredmose.
4. 'Geriatric trauma – assessing patient safety' by Mathias Cuevas- Østrem.
5. 'Dispatch, Prehospital time, Interventions and Outcomes in a Norwegian Trauma population' by Inger Nilsbakken.
6. 'Quality indicators of prehospital patient safety' by Linn Therese Hagen.

2021 Highlights

- Ann Kristin Wiik from NAAF continues her position as the Chairman of the board in SHARE.
- NAAF's involvement in SHARE produced eight peer-reviewed publications.
- In a year with few conferences both researchers and PhD fellows have contributed to several dissemination cases to various websites and professional channels.
- The Patient safety cluster researchers Elisabeth Jeppesen, Jo Røislien and Stephen Sollid have been involved in several digital and physical teaching lessons at the MSc Prehospital Critical Care at UiS.
- Inger Nilsbakken and Linn Therese Hagen have been hired as new PhD fellows. The aim of Nilsbakken's project is to investigate to what extent the ambulance services reach severely injured patients within acceptable time according to national quality indicators in a Norwegian trauma population. While Hagen's project will explore quality indicators of prehospital patient safety.
- NAAF is a funding partner of the project 'COVCOM; fighting pandemic through translating science'. Professor Jo Røislien who is project manager of COVCOM has a part time position at NAAF.
- NAAF is a funding partner of the 'Resilience in Healthcare' project.

CELEBRATING PHILOSOPHIAE DOCTORS

At SHARE the PhD candidates are at the heart of all our activities. Our strategy is to continuously work to build an attractive research environment for all PhD candidates and to establish sound and stable teams of supervisors. This approach has proven fruitful, and the Centre has a stable production of doctoral degrees. Both postdoctoral positions and PhD positions have been steadily increasing.



Our PhD fellows at the UiS Doctoral Promotion. From left: Inger Johanne Bergerød, Siv Hilde Berg (defended her thesis in 2020) Heidi Dombestein and Sina Furnes Øyri. Photo: Siri Wiig

In 2021 three of SHARE's PhD candidates defended their doctoral dissertations and earned the degree of Philosophiae Doctor. Here you can meet the candidates that convinced the evaluation committees in a skillful and solid manner: Inger Johanne Bergerød, Heidi Dombestein and Sina Furnes Øyri.

We asked them to tell us about their PhD theses, and what their professional life looks like after a completed PhD degree.

Inger Johanne Bergerød



THESIS:

Quality and safety in hospital cancer care - a mixed methods study of next of kin involvement

MAIN SUPERVISOR

Professor Siri Wiig, University of Stavanger, SHARE - Centre for Resilience in healthcare

CO-SUPERVISORS

Adjunct Professor Geir Sverre Braut, Western Norway University of Applied Sciences / Stavanger University Hospital

Bjørnar Gilje, PhD, Stavanger University hospital

Bergerød's thesis addresses the lack of knowledge on next of kin's role for quality and safety in hospital cancer care, and the need for methods and tools for next of kin's systematic involvement in these services. The PhD has produced a guide for next of kin involvement that could be adopted by cancer care services in Norway and might be adapted for use in other healthcare settings. Inger Johanne Bergerød defended her thesis in health and medicine at the Faculty of Health Sciences (UiS) on the 21st of May 2021.

The study addresses the lack of knowledge on next of kin's role for quality and safety in hospital cancer care, and the need for methods and tools for next of kin's systematic involvement in these services.

The aim of the study was to explore the role of next of kin for quality and safety in hospital cancer care, and to develop a consensus-based guide for next of kin involvement in hospital cancer care. This thesis has a mixed methods case study design including 1) a multiple embedded case study with managers and healthcare professionals (n=32) within cancer care departments in two university hospitals in Norway 2) a mapping of next of kin experiences with a questionnaire survey measuring their satisfaction with cancer care in the same two hospitals (n=238); and 3) conducting a modified Nominal group technique consensus process with a stakeholder groups (n=20) from both hospitals and next of kin representatives.

The findings were integrated into a guide for next of kin involvement in hospital cancer care. The thesis has demonstrated that next

of kin hold a vital role for quality and safety in the cancer care in the two case hospitals (e.g., transitions, palliative care, pain treatment, motivation, daily care). It also disclosed that hospital cancer care lacked systematic next of kin involvement in the organization of healthcare services. In addition, tools, and guides for sound next of kin involvement were missing. By identifying suggested methods for involvement (e.g., system improvement, user surveys, one appointed healthcare professional for the next of kin, closer interaction with support bodies) from the managers', healthcare professionals', and next of kin' perspectives, and by integrating these into a requested tool the thesis has the potential to support managers' and healthcare professionals' future working on quality and safety in hospital cancer care.

Inger Johanne Bergerød (44) is an oncology nurse and holds a Master degree in Health Sciences with a specialization in quality and safety from the University of Stavanger from 2012. She works at SHARE as a postdoctoral fellow and as a centre coordinator.



Heidi Dombestein

Dombestein's thesis explores how informal caregivers' motivation to care for a home-dwelling parent with dementia is affected over time. Self-determined motivation is preferred by the caregivers because it is associated with better health, well-being, and quality of life. At the same time, the study contributes with new knowledge about the nuances and complexity of being a caregiver. Heidi Dombestein defended her thesis at the Faculty of Health Sciences (UiS) on the 20th of August 2021.

THESIS:

Adult-child Caregivers' Motivations when Caring for Home-dwelling Parents with Dementia

MAIN SUPERVISOR

Professor Karina Aase, University of Stavanger, SHARE - Centre for Resilience in healthcare

CO-SUPERVISORS

Professor Anne Norheim, University of Stavanger, Faculty of Health Sciences, Department of Caring and Ethics

In the thesis, adult sons and daughters were interviewed individually about what motivates them to take care of home-dwelling parents with dementia. Focus group interviews were then conducted in which the adult children discussed their experiences with community healthcare services and how it can be arranged for caregivers to sustain their motivation. In the article-based dissertation, a literature review was also conducted to summarize previous research in the field.

The results show that caregivers' motivation can be maintained through three psychological needs. The need for belonging is most prominent and includes that caregivers have good relations with all parties involved, and that the collaborative climate between healthcare professionals and caregivers is satisfactory.

The second need is competence. Here it was found that caregivers who have knowledge about dementia and how the situation can be

handled, are less frustrated and become more easily involved in their parents' healthcare services. The adult children had the capacity and desire to be involved as competent partners together with healthcare professionals.

The third need concerned autonomy. This included caregivers' experience of having choices and choosing which tasks they contribute to, and which they do not. For caregivers to maintain motivation when parents live at home with dementia, measures should thus be implemented that support their need for belonging, competence and autonomy.

Heidi Dombestein (44) is born in Nordfjord and now lives on Mosterøy, right outside of Stavanger. She is a nurse and holds a Master degree in Health Sciences with a specialization in aging and dementia from the University of Stavanger from 2014. She works at SHARE as a postdoctoral fellow and as a coordinator for Network for Carer Research.



Sina Furnes Øyri

Øyri's PhD thesis explores the regulatory framework referred to as 'the Quality Improvement Regulation', which was set out in 2017 to support local, management-based quality and safety efforts in Norwegian hospitals. By investigating the framework's possible links to adaptive capacity in hospital management of quality and safety enhancing activities, the thesis unites the perspectives of healthcare regulation and resilience in healthcare. Thus, Øyri's thesis sheds new light on how regulators and inspectors may design, inspect, and enforce a regulatory regime, and thereby contribute to adaptive capacity, anticipatory capacity, and learning in various hospital contexts. Overall outputs from this thesis are important to the development process and implementation of future regulatory amendments. Sina Furnes Øyri defended her thesis at the Faculty of Health Sciences (UiS) on the 26th of August 2021.

THESIS:

Healthcare Regulation and Resilience a Norwegian Multilevel Case Study

MAIN SUPERVISOR

Professor Siri Wiig, University of Stavanger, SHARE - Centre for Resilience in healthcare

CO-SUPERVISORS

Adjunct Professor Geir Sverre Braut, Western Norway University of Applied Sciences / Stavanger University Hospital

Professor Carl Macrae, Nottingham University Business School, SHARE-Centre for Resilience in Healthcare

The study was designed as a multilevel, single embedded case study, with data retrieved from three levels of the Norwegian healthcare system: macro-level (three governmental regulatory bodies; regulators), meso-level (three County Governors; inspectors), micro-level (three hospitals retrieved from two regional health authorities; hospital managers). Data was collected by approximately 500 pages of documentary evidence, 29 individual interviews and 3 focus group interviews (10 participants): in total 39 participants. Data was analysed by legal dogmatic and qualitative content analysis. Findings are published into three separate research articles, each representing one out of the three system levels investigated.

Findings revealed that regulators considered the perspectives of variation, complexity, and uncertainty in hospital settings to be important regulatory design elements. The latter resonates with resilience in healthcare concepts and contradicts previous research. The Quality Improvement Regulation contributed to context adaptation, by supporting non-detailed riskbased organizing and management of quality and safety efforts. However, hospital

managers' autonomy and adaptive capacity to tailor quality improvement efforts were imperative for the regulatory framework to have any relevant impact on hospital management, and quality improvement activities at a clinical level. Findings demonstrated that limited involvement of clinicians in the regulatory development process could hamper quality improvement efforts. Inspectors on their part, could nurture learning by improving their follow up routines, use inspectors with expert knowledge, and add hospital self-assessment into their activities. Øyri's thesis highlights the importance of ensuring that any macro-level quality improvement initiatives and regulatory requirements are accompanied by appropriate resourcing, support, and advanced preparation to ensure the best possible chance of getting implemented effectively.

Sina Furnes Øyri (37) holds a Master of Laws, University of Oslo, a bachelor's degree in political science and Master of Societal Safety, University of Stavanger. She is currently a postdoctoral fellow at SHARE - Centre for Resilience in healthcare.

RESEARCH DISSEMINATION

International Symposium of Tokyo Metropolitan University

In line with the SHARE Research Strategy (2018–2022) mobility, and international collaboration is a core priority in the Centre's efforts to reach an international position within the field of quality and safety in healthcare. Due to general challenges associated with the Covid-19 situation and travel restrictions all over the world, SHARE researchers and partners have sought alternative ways of collaboration and dissemination throughout 2021. The researchers' activities have resulted in the development of new research projects, scientific publications, participation at digital seminars, conferences and symposium, new collaborations and guest lectures to a variety of audiences.

In March 2021 SHARE PhD candidate Torunn Strømme participated at *'The International Symposium of Tokyo Metropolitan University'*. Initially Strømme was supposed to travel to Tokyo and combine the presentation with a visit to the Tokyo Metropolitan University, but due to Covid-19 restrictions the Symposium was held digitally.

The symposium entitled *'Development and evaluation of International standard for simulation-based nursing education system'* was hosted by Dr. Yukiko Orii and her team. It was two folded, first with studio lectures available for the participants several weeks in advance followed by a digital panel debate.

Strømme's participation entailed a studio lecture entitled *'Improving healthcare professionals' competence in early deterioration frail older patients in homecare: A qualitative study'*. NettOp, the department for development of digital learning resources at UiS, assisted Strømme with valuable tips during the pre-recording of the lecture. The studio lecture was then subtitled in Japanese before it was made available for the Japanese audience attending the symposium.

Participants at the panel debate came from all over the world; Dr. Janet Willhaus from the United States, Dr. Steve Guinea from Austral-

ia, Ms. Sabrina Koh from Singapore, Ms. Susan Strong from the United Kingdom, Dr. Yukiko Orii from Japan, and Torunn Strømme from Norway. The debate addressed research and experiences related to simulation in general, as well as to the topics of the studio lectures. All questions were sent to the panel participants in advance. The entire symposium was simultaneously translated live from English to Japanese, and Japanese to English. This made participating a bit more demanding than usual for a panel debate. Fortunately, the Japanese team did an outstanding job in organizing the symposium which eased the participants partaking in the discussions. 'This experience really made me feel out of my comfort zone' Strømme says in a comment. 'Nevertheless, I encourage other PhD-students to take the leap and participate, as it is highly educational and a great opportunity to practice presentations in English, as well getting an understanding of the expectations in other research environments.'

Strømme would like to thank Line Hurup Thomsen (USHT Rogaland and Helse-campus) who put her in touch with Dr. Orii and her team, and Svend Haakon Kristensen from Laerdal Medical, Japan who has been the contact person in Japan for supporting the participation at the meeting.



SHARE International Symposium for Early Career Research in Quality and Safety



On the 23rd and 24th of November 2021 SHARE hosted the first digital International Symposium for Early Career Researchers in Quality and Safety. The purpose of the Symposium was to give early career researchers an opportunity to practice presenting at a conference, as well as participating in professional academic discussions and building networks, in a safe and encouraging setting.

During the four sessions of the symposium a total of 29 people presented their four-minute

pre-recorded-video with their lecture, and a total of 50 participants contributed to the plenary discussions throughout the symposium. The participants reflected the international focus as they came from a variety of countries with contributors from Australia, England, USA, Italy, New Zealand, Norway, and Sweden.

The symposium had a presentation dedicated to career development in academia led by Professor Siri Wiig, as well as two keynote lectures given by Professor David Bates and Professor Jane O'Hara. David Bates from Harvard University is one of the world's most cited patient safety researchers, while Jane O'Hara from the University of Leeds is a leading patient and family involvement researcher.

Both keynote speakers are affiliated with the SHARE Centre and are important members of the SHARE Centre's professional research network.

The symposium committee, consisting of Lene Schibevaag, Inger Bergerød, Heidi Dombestein and Cecilie Haraldseid-Driffland found the experience both rewarding and educational. They were especially pleased that the participants found the symposium highly valuable as a learning arena.



The symposium was held digitally. This is a screenshot of one of the sessions.

Photo: Private

RESEARCH DISSEMINATION



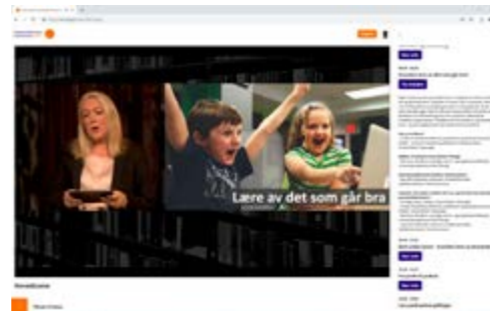
Norwegian Patient Safety Conference PSC2021



The Patient Safety conference (PSK) in Norway is an important meeting arena for everyone who works with or is interested in patient safety and quality improvement. The goal of the conference is to inspire, give practical advice, tools, tips, and tricks to everyone working with and within healthcare, but particularly to clinicians, leaders, and quality improvement agents. In 2021 the conference was held digitally on the 3rd and 4th of November. The main topic of this year's conference was 'Together we can make a change'. Over 6000 people signed up for the conference and 9 out of 10 participants believed that their participation would contribute to improvements in their practice.

A total of four researchers from SHARE contributed to the PSK2021 programme. During the first day postdoctoral fellow Siv Hilde Berg contributed with the topic 'How to succeed with the vision of zero patient injuries?' and Professor Olav Røise contributed to a plenary session related to 'how to break the silence' and encouraged all practitioners to speak honestly about their own mistakes.

On the second day postdoctoral fellow Cecilie Haraldseid-Driftland held a keynote speech



entitled 'What is Resilience?' and both Professor Siri Wiig and Cecilie Haraldseid-Driftland contributed to the plenary session, discussing 'Learning from success'.

After the conference the themes 'breaking the silence' and 'resilience' were rated by the conference participants to be some of the most valuable contributions from the conference. Being able to contribute to the conference and reaching a high number of clinicians and participants interested in patient safety and quality, felt especially rewarding for the contributors from SHARE. This shows that our research is deemed as valuable and is of great interest to the healthcare professionals who participated at the conference.



Cover of the book 'Teamwork in Healthcare' edited by Sissel Eikeland Husebø and Randi Ballangrud.

Photo: Private

Book launch: Teamwork improves quality and patient safety in healthcare

In 2021 Sissel Eikeland Husebø, UiS, and Randi Ballangrud, NTNU Gjøvik, launched the book *'Teamwork in healthcare. From a quality and patient safety perspective'*. The book is the result of a longstanding research collaboration between SHARE and NTNU Gjøvik and the idea for the book was developed at a SHARE writing seminar. The editors want to promote teamwork as an essential structure in today's healthcare service and make students and the practice field more aware of the nature and importance of teamwork and teamwork skills in quality and patient safety work.



The editors Sissel Eikeland Husebø and Randi Ballangrud, with the book 'Teamwork in Healthcare'.

Photo: Private

The book is in Norwegian, includes 17 chapters, and provides a good overview of the topic. Throughout the book, teamwork is themed and related to various clinical contexts such as the municipal healthcare services, the pre-hospital settings, mental healthcare services, and different types of hospital units. Readers of the book will learn that extensive research has identified failures in teamwork as a key risk factor when patients are harmed. This is perhaps the strongest driver for a cultural change in the direction of more knowledge into teamwork according to the editors. – "We want to contribute with knowledge about what teamwork is, why it is important, and how teamwork can be improved

through training, in order for patients to receive high quality and safe healthcare services", Sissel and Randi explains. It is only recently that attention has been brought to the fact that teamwork and communication skills must be learned and practiced, in the same way as one would learn and practice individual skills and practical procedures in healthcare.

OTHER ACTIVITIES



Network for Carer Research

Facts

- Network for Carer Research was established at the University of Stavanger in 2013.
- In 2018, the coordination of the Network was integrated in the SHARE Centre.
- Currently, the Network consists of approximately 190 affiliated members with a range of different backgrounds such as researchers, clinical practitioners, and representatives from other stakeholder groups, mostly from Norway.

Network for Carer Research

The Network is a facilitator for patient and stakeholder involvement in SHARE. The main purpose of the Network is to contribute to development, dissemination of knowledge and competence within the field of informal carer research, primarily by gathering researchers, clinical practitioners, and representatives from other stakeholder groups. The Network representatives participate in national and international program committees as well as contributing to stakeholder gatherings such as annual Network seminars.

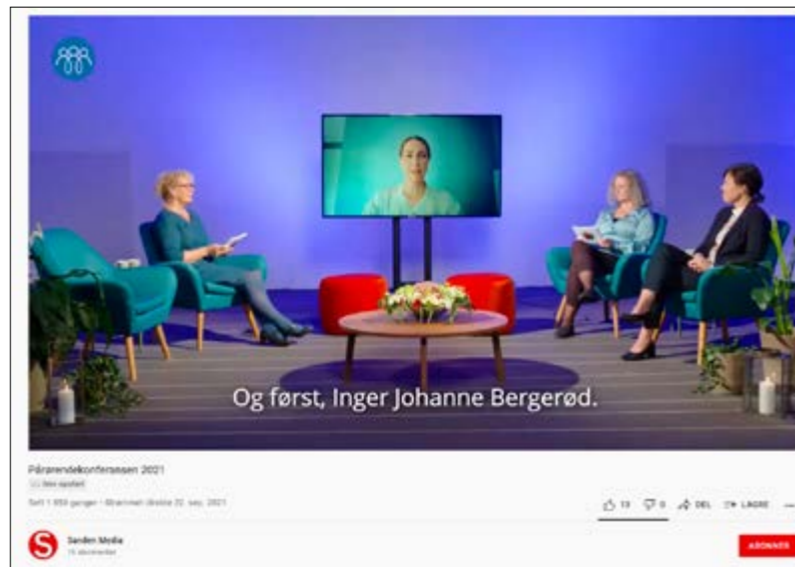
Inger Johanne Bergerød and Heidi Dombestein hold the positions as network coordinators while Siri Wiig is the scientific lead. The coordinators main task has been to follow up on the 5 – year strategy for the Network developed in 2018 (available online at the SHARE website). This year both Bergerød and Dombestein defended their PhD thesis on topics related to informal carers. In addition, one seminar for the Network members was organised in May where approximately 40 participants attended digitally. Network members presented their research and generated discussions in the group. Moreover, the Network reference group met in June and discussed further work on creating a holistic overview of the carer research in Norway. This

is further operationalised into a review of the literature. The Network has also been involved in an evaluation of the national guideline for informal caregiving (Pårørendeveilederen).

National Carer Conference 2021

Network for Carer Research was a partner in organising the conference and network coordinator Inger Johanne Bergerød participated in the program committee. In 2021 the conference was organised as a digital event due to COVID-19. The overarching theme was Sustainability – power to carry the caregiver role. There was a large interest in the conference and about 1800 participants attended through streaming.

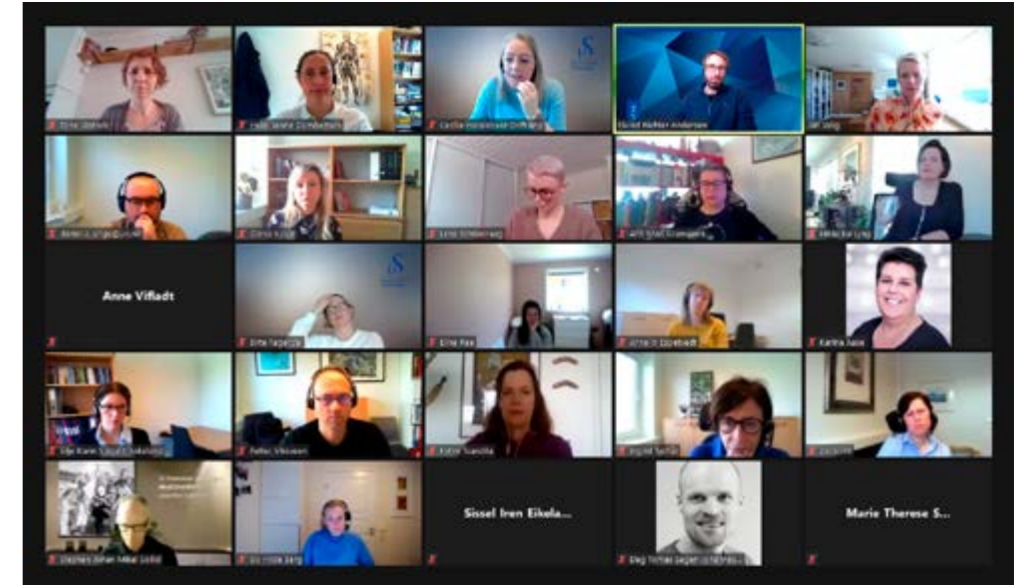
Screenshot from the digital conference 22nd September 2021. From left; Unn Birkeland, Heidi Dombestein on the screen, Anne Kristine Bergem and Inger Johanne Bergerød who physically participated in the studio.



The National Carer conference is a collaborative initiative between the following partners:



Screenshot from one of the fully digital research meetings in March 2021. Photo: Private



Presentation by Siri Wiig at the monthly research meeting in December. Photo: Private

Monthly Research Meetings

The longstanding tradition of hosting monthly research meetings has always been a priority for the SHARE Research Centre, a tradition that has become even more important through a worldwide lingering pandemic. The lack of opportunities to travel and host physical meetings has made the Centre facilitate for more hybrid meeting options. In line with the restrictions at any particular time, the research meetings have been hosted through a variety of options either fully digital, part digital and part physical, or fully physical. The focus has been to provide as many researchers as possible with the opportunity of getting together and sharing academic discussions and meeting up with fellow research colleagues – either in person or via a digital platform like Zoom.

Facts concerning monthly research meetings:

- The meetings are for all researchers affiliated with the Centre as well as for master students supervised by our researchers.
- On average, about 15–25 researchers attend each meeting, while through the digital platform as many as 30 researchers joined the meetings.
- A typical agenda consists of two sections: a short information section on ongoing activities and a longer section on scholarly presentations and feedback.

The research meetings at SHARE constitute an important arena for practicing scholarly presentations and for receiving feedback in an informal and constructive atmosphere. The research meetings have a solid tradition for providing constructive feedback in a safe environment which is highly appreciated by the members. Research meetings are also an excellent arena for learning and sharing knowledge across research projects, and for introducing new researchers or visiting scholars to the larger research Centre environment.

OTHER ACTIVITIES

The attendants at the writing seminar
17-19th of November 2021.

Photo: Siri Wiig



Writing Seminars

SHARE has a longstanding tradition for arranging an annual three-days writing seminar at Farsund resort in the south of Norway. Due to the circumstances of the last two and a half years, the Centre decided to double the amount of writing seminars and held two seminars throughout 2021. Both seminars were highly attended and much appreciated by the researchers who were given the opportunity to write, socialise and get inspired in the nice surroundings at Farsund.

The seminars were held in June and in November. During the seminar in June, 27 researchers from UiS, NTNU Gjøvik and NAAF attended, while 19 UiS and NTNU Gjøvik researchers attended the seminar in November. Both three-day seminars were structured into eight writing sessions in combination with a social program featuring communal

meals, nature walks in the surrounding areas, sauna, and swimming in the sea. The highlight on the social program in November was the team-quiz featured by the attendants from NTNU Gjøvik. The organizing committee will strive to make this social highlight at steady event on all writing seminars.



The quiz-masters, Anne Viflåt and Tore Karlsen.

Photo: Siri Wiig



Concentrated writing in the shared writing space.

Photo: Siri Wiig

FINANCIAL STATUS

SHARE's revenue is based on two components: basic funding from the University of Stavanger and reallocated overhead funds from externally funded research projects.

Externally funded project grants currently affiliated with SHARE

(Numbers in mill NOK):

Project	Project period	Funding from Research Council Norway/Other funding body	Own financing from UiS and partners	Contractual value
SAFE-LEAD	2016-2021	12,0	10,4	22,4
QUALinCLINStud	2018-2023	14,0	11,6	25,6
RiH	2018-2023	12,5	53,6	66,1
Covcom *	2020-2022	5,0	6,5	11,5
Country wide system audit	2021-2023	1,2	NA	1,2
Norhed II	2021-2026	17,6	NA	17,6
TOTAL				

The externally funded project grants are budgeted with a substantial amount of own financing in the forms of researcher time set aside by SHARE researchers with the three consortium partners (UiS, NAAF, NTNU Gjøvik) and by other collaborating partners. * Covcom is funded by Trond Mohn Foundation.

SHARE administration project - accounting 2021

The funds for coordinating and running the daily activities of SHARE are set aside in an administration project, with the following items:

Transfer from 2020	1.110.168
Revenues:	
Basic funding from UiS	1.964.059
Reallocated overhead funds	1.349.947
Reward from Helse Vest	75.000
Scientific expert funding	40.500
Expenses:	
Salaries and social costs	2.718.482
Other operating expenses	373.158
Own financing to project	214.297
Result:	
Transfer to 2022	1.233.738

The financial value of externally funded projects in SHARE and the positive results of the administration project document an economically healthy Centre status for 2021.

PUBLICATIONS

The researchers within and affiliated with the SHARE Research Centre have contributed to a total of 268 different publications in 2021. There has been published a total of 56 academic journal articles, 1 book, 21 academic book chapters, 2 reports, 3 PhD theses, 158 conference contributions and scholarly presentations, 9 popular science contributions, 7 media contributions, and 11 website materials.

Overview of academic contributions 2018–2021

Dissemination activities	2018	2019	2020	2021
Academic journal articles	35	30	53	56
Books, book chapters and reports	5	10	3	24
Dissertations	0	3	5	3
Conference contributions and scholarly presentations	106	106	57	158
Popular science contribution	7	13	8	9
Media contributions and website material	4	8	20	18
Sum	157	170	146	268

Academic journal articles

Aaberg, Oddveig Reiersdal; Hall-Lord, Marie Louise; Husebø, Sissel Iren Eikeland; Ballangrud, Randi. A human factors intervention in a hospital – evaluating the outcome of a TeamSTEPS program in a surgical ward. *BMC Health Services Research* 2021; Volum 21. NTNU SUS UIA UIS

Aase, Ingunn; Ree, Eline; Johannessen, Terese; Holen-Rabbersvik, Elisabeth; Thomsen, Line Hurup; Strømme, Torunn; Ullebust, Berit; Schibevaag, Lene; Lyng, Hilda Bø; O'Hara, Jane; Wiig, Siri. Strategies and lessons learnt from user involvement in researching quality and safety in nursing homes and homecare. *International Journal of Health Governance* 2021; Volum 26. (4) s. 384–396. UIS

Aase, Ingunn; Ree, Eline; Johannessen, Terese; Strømme, Torunn; Ullebust, Berit; Holen-Rabbersvik, Elisabeth; Thomsen, Line Hurup; Schibevaag, Lene; van de Bovenkamp, Hester; Wiig, Siri. Talking about quality: how 'quality' is conceptualized in nursing homes and homecare. *BMC Health Services Research* 2021; Volum 21. UIA UIS

Aase, Ingunn; Tjøflåt, Ingrid; Hjorthaug Urstad, Kristin. Using the 'huddle' to enhance interprofessional teamwork among nursing students through a podcast: a qualitative and exploratory pilot study. *BMC Nursing* 2021; Volum 20. UIS

Ajmi, Soffien Chadli; **Aase, Karina.** Physicians' clinical experience and its association with healthcare quality: A systematized review. *BMJ Open Quality* 2021; Volum 10.(4) s. 1–8. SUS UIS

Alstrup, Karen; Rognås, Leif Kåre; **Sollid, Stephen J. M.;** Johnsen, Soren Paaske; Valentin, Jan; Petersen, Jens Aage Kølsen. Association of Helicopter vs Ground Emergency Medical Transportation With 1-Year Mortality in Denmark. *JAMA Network Open* 2021; Volum 4.(1). UIS

Ballangrud, Randi; Aase, Karina; Vifladdt, Anne. Longitudinal team training program in a Norwegian surgical ward: a qualitative study of nurses' and physicians' experiences with implementation. *BMC Health Services Research* 2021; Volum 21. NTNU UIS

Berg, Siv Hilde. Fra safety-I til safety-II: mot nye perspektiver på pasientsikkerhet i selvmordsforebygging. *Suicidologi* 2021; Volum 2. s. 34–45. UIS

Berg, Siv Hilde; O'Hara, Jane; Shortt, Marie Therese; Thune, Henriette; Brønnick, Kolbjørn Kallestén; Lungu, Daniel Adrian; Røislien, Jo; Wiig, Siri. Health authorities' health risk communication with the public during pandemics: a rapid scoping review. *BMC Public Health* 2021; Volum 21. s. 1–23. SUS UIS

Birkeli, Gørill; Jacobsen, Hilde Kristin; **Ballangrud, Randi.** Nurses' experience of the incident reporting culture before and after implementing the Green Cross method: A quality improvement project. *Intensive & Critical Care Nursing* 2021. NTNU AHUS

Bjørk, Ida Torunn; Larsen, Karin; Ravik, Monika; Reiersen, Inger Åse; Sommer, Irene; Stenholt, Britta; Brynildsen, Grethe; Blomberg, Karin; Bølenius, Karin; **Husebø, Sissel Iren Eikeland; Lämås, Kristina; Hagtvet, Knut Arne.** Development and Testing of an Instrument for Summative Assessment of Practical Skill Performance: A Generalizability Theory Approach. *Journal of Nursing Measurement* 2021; Volum 13.(Sept). USN LDH UiO UIS SUS

Bredmose, Per P.; Hagemo, Jostein Skjalg; Østergaard, Doris; **Sollid, Stephen.** Combining in-situ simulation and live HEMS mission facilitator observation: a flexible learning concept. *BMC Medical Education* 2021; Volum 21.(1) s. 1–10. OUS UIS UiO

Bredmose, Per Poelhøi; Røislien, Jo; Østergaard, Doris; Sollid, Stephen J. M. National Implementation of In Situ Simulation-Based Training in Helicopter Emergency Medical Services: A Multicenter Study. *Air Medical Journal* 2021; Volum 40.(4) s. 205–210. UIS OUS

Bredmose, Per Poelhøi; Østergaard, Doris; Sollid, Stephen J. M. Challenges to the implementation of in situ simulation at HEMS bases: a qualitative study of facilitators' expectations and strategies. *Advances in Simulation* 2021; Volum 6. OUS UIS

Brønnick, Kolbjørn Kallestén; Evald, Lars; Duez, Christophe Henri Valdemar; Grejs, Anders Morten; Jeppesen, Anni Nørgaard; Kirkegaard, Hans; Nielsen, Jørgen Feldbæk; Søreide, Eldar. Biomarker prognostication of cognitive impairment may be feasible even in out-of-hospital cardiac arrest survivors with good neurological outcome. *Resuscitation* 2021; Volum 162. s. 396–402. UIS SUS UiB

Bø, Bodil; Madangi, Bartholomayo Paulo; Ralaitafika, Hanitra; Erdsdal, Hege Langli; **Tjøflåt, Ingrid.** Nursing students' experiences with simulation-based education as a pedagogic method in low-resource settings: A mixed-method study. *Journal of Clinical Nursing (JCN)* 2021 s. 1–15. UIS SUS

Dombestein, Heidi; Norheim, Anne; **Aase, Karina.** How to stay motivated: A focus group study of Norwegian caregivers' experiences with community healthcare services to their parents with dementia. *Health and Social Care in the Community* 2021; Volum 30. s. 234–243. UIS

Doppmann, Pascal; Meuli, Lorenz; **Sollid, Stephen J. M.;** Filipovic, Miodrag; Knapp, Jürgen; Exadaktylos, Aristomenis; Albrecht, Roland; Pietsch, Urs. End tidal to arterial carbon dioxide gradient is associated with increased mortality in patients with traumatic brain injury: a retrospective observational study. *Scientific Reports* 2021. UiS

Eriksen, Kristina Sundt; **Husebø, Sissel Iren Eikeland;** Kørner, Hartwig; Lode, Kirsten. Experiences of recovery from colorectal cancer surgery after hospital discharge among the oldest old: a qualitative study. *Nordic journal of nursing research* 2021. UIS UiB SUS

Evald, Lars; **Brønnick, Kolbjørn;** Duez, Christophe Henri Valdemar; Grejs, Anders Morten; Jeppesen, Anni Nørgaard; Søreide, Eldar; Kirkegaard, Hans; Nielsen, Jørgen Feldbæk. Younger age is associated with higher levels of self-reported affective and cognitive sequelae six months post-cardiac arrest. *Resuscitation* 2021; Volum 165. s. 148–153. SUS UiB

Finstad, Anne Strand; Ballangrud, Randi; Aase, Ingunn; Wisborg, Torben; Romundstad, Luis Georg; Bjørshol, Conrad Arnfinn. Is simulation-based team training performed by personnel in accordance with the INACSL Standards of Best Practice: SimulationSM?—a qualitative interview study. *Advances in Simulation* 2021; Volum 6. s. 1–10. UIS NTNU UiB UiT SUS HFI OUS

Frøiland, Christina Tølbøl; Husebø, Anne Marie Lunde; **Akerjordet, Kristin;** Kihlgren, Annica; **Laugaland, Kristin Alstveit.** Exploring mentorship practices in clinical education in nursing homes: A qualitative mixed-methods study. *Journal of Clinical Nursing (JCN)* 2021. UIS

Glette, Malin Knutsen; Wiig, Siri. The role of organizational factors in how efficiency-thoroughness trade-offs potentially affect clinical quality dimensions – a review of the literature. *International Journal of Health Governance* 2021; Volum 26.(3) s. 250–265. UIS HVL

Gransjøen, Ann Mari; Thorsen, Kjetil; Lysdahl, Kristin Bakke; **Wiig, Siri; Hofmann, Bjørn Morten.** Impact on radiological practice of active guideline implementation of Musculoskeletal guideline, as measured over a 12-month period. *Acta Radiologica Open* 2021; Volum 10.(3) s. 1–9. UIS USN NTNU UiO

Guise, Veslemøy; Aase, Karina; Chambers, Mary; Canfield, Carolyn; **Wiig, Siri.** Patient and stakeholder involvement in resilient healthcare: an interactive research study protocol. *BMJ Open* 2021; Volum 11. Suppl. e049116. UIS

Hall-Lord, Marie Louise; Bååth, Carina Barbro; **Ballangrud, Randi;** Nordin, Anna. The Swedish version of the TeamSTEPS® teamwork attitudes questionnaire (T-TAQ): A validation study. *BMC Health Services Research* 2021; Volum 21:105. s. 1–8. NTNU HIOF

Haraldseid-Driftland, Cecilie; Aase, Karina; Wiig, Siri; Billett, Stephen. Developing a collaborative learning framework for resilience in healthcare: a study protocol. *BMJ Open* 2021. UIS

Horn, Joachim; Rasmussen, Hanne; Bukholm, Ida Rashida Khan; **Røise, Olav;** Terjesen, Terje. Compensation claims in pediatric orthopedics in Norway between 2012 and 2018: a nationwide study of 487 patients. *Acta Orthopaedica* 2021; Volum 92.(5) s. 615–620 UNN UiO OUS NMBU UIS

Haver, Annie; **Akerjordet, Kristin;** Robinson, Laura; Caputi, Peter. Investigating emotion regulation strategies to facilitate the well-being of managers. *Scandinavian Journal of Work and Organizational Psychology* 2021; Volum 6.(1) s. 1–17. UIS

Jaramillo-Jiménez, Alberto; Melvær, Giil Lasse; Tovar-Rios, Diego Alejandro; Borda, Miguel Germán; Ferreira, Daniel; **Brønnick, Kolbjørn Kallestén;** Oppedal, Ketil; Aarsland, Dag. Association Between Amygdala Volume and Trajectories of Neuropsychiatric Symptoms in Alzheimer's Disease and Dementia With Lewy Bodies. *Frontiers in Neurology* 2021; Volum 12. UiB HV SUS UIS

Jaramillo-Jiménez, Alberto; Suarez-Revelo, Jazmin Ximena; Ochoa-Gomez, John Fredy; Arroyave, Jairo Alexander Carmona; Bocanegra, Yamile; Lopera, Francisco; Buriticá, Omar; Pineda-Salazar, David Antonio; Gómez, Leonardo Moreno; Quintero, Carlos Andrés Tobón; Borda, Miguel Germán; Bonanni, Laura; Ffytche, Dominic H.; **Brønnick, Kolbjørn Kallestén;** Aarsland, Dag. Resting-state EEG alpha/theta ratio related to neuropsychological test performance in Parkinson's Disease. *Clinical Neurophysiology* 2021; Volum 132. s. 756–764. UIS SUS

Johannessen, Terese; Ree, Eline; Aase, Ingunn; Bal, Roland; **Wiig, Siri.** Exploring managers' response to a quality and safety leadership intervention: findings from a multiple case study in Norwegian nursing homes and homecare services. *BMJ Open Quality* 2021; Volum 10.(3). UIS

Karlsen, Tore; Hall Lord, Märtha K Marie-Louise; Wangensteen, Sigrid; Ballangrud, Randi. Bachelor of nursing students' attitudes toward teamwork in healthcare: The impact of implementing a teamSTEPS® team training program – A longitudinal, quasi-experimental study. *Nurse Education Today* 2021; Volum 108. NTNU

Kottmann, Alexandre; Krüger, Andreas J.; Sunde, Geir A.; **Røislien, Jo;** Heltne, John-Kenneth; Carron, Pierre Nicolas; Lockey, David; **Sollid, Stephen J. M.** Establishing quality indicators for prehospital advanced airway management: a modified nominal group technique consensus process. *British Journal of Anaesthesia* 2021; Volum 128.(2) s. 1–8. UIS STO NTNU HAUKELAND UiB

Koval, Olena Mykolajivna; Engen, Ole Andreas Hegland; Kringen, Jacob; **Wiig, Siri.** Strategies of communicating health-related risks to vulnerable groups of immigrants during a pandemic: a scoping review of qualitative and quantitative evidence. *International Journal of Health Governance* 2021. UIS

Laugaland, Kristin Alstveit; Billett, Stephen; Akerjordet, Kristin; Frøiland, Christina Tølbøl; Grealish, Laurie; **Aase, Ingunn.** Enhancing student nurses' clinical education in aged care homes: a qualitative study of challenges perceived by faculty staff. *BMC Nursing* 2021; Volum 20.(111). UIS

Laugaland, Kristin Alstveit; Kaldestad, Kari; Espeland, Elin; McCormack, Brendan; **Akerjordet, Kristin; Aase, Ingunn.** Nursing students' experience with clinical placement in nursing homes: a focus group study. *BMC Nursing* 2021; Volum 20. UIS

Lungu, Daniel Adrian; Røislien, Jo; Wiig, Siri; Shortt, Marie Therese; Ferre, Francesca; **Berg, Siv Hilde; Thune, Henriette; Brønnick, Kolbjørn Kallesten.** The Role of Recipient Characteristics in Health Video Communication Outcomes: Scoping Review. *Journal of Medical Internet Research* 2021. UIS

Lyng, Hilda Bø; Macrae, Carl James; Guise, Veslemøy; Haraldseid-Driftland, Cecilie; Fagerdal, Birte; Schibevaag, Lene; Alsvik, Janne Gro; Wiig, Siri. Balancing adaptation and innovation for resilience in healthcare – a metasynthesis of narratives. *BMC Health Services Research* 2021; Volum 21. UIS

Lyng, Hilda Bø; Ree, Eline; Wibe, Torunn; **Wiig, Siri.** Healthcare leaders' use of innovative solutions to ensure resilience in healthcare during the Covid-19 pandemic: a qualitative study in Norwegian nursing homes and home care services. *BMC Health Services Research* 2021; Volum 21. UIS

Markussen, Hilde V.; Aasdahl, Lene; **Viksveen, Petter;** Hedberg, Berith; Rise, Marit By. A treatment strategy for meeting life as it is. Patients' and therapists' experiences of brief therapy in a district psychiatric centre: A qualitative study. *PLOS ONE* 2021; Volum 16.(10) s. 1–20. NTNU STO UIS

Nieder, Carsten; Imingen, Kristian Steinsvik; **Haukland, Ellinor Christin.** Palliative Thoracic Radiotherapy for Non-Small Cell Lung Cancer in Outpatients: Reasons for Unplanned Hospitalization and Its Impact on Survival. *Journal of Clinical Medicine Research* 2021; Volum 13.(3) s. 177-183. UiT NLSH UIS

Pedersen, Rune Aakvik; Petursson, Halfdan; Hetlevik, Irene; **Thune, Henriette.** Stroke follow-up in primary care: a discourse study on the discharge summary as a tool for knowledge transfer and collaboration. *BMC Health Services Research* 2021; Volum 21. s. 1–12. NTNU UIS

Petersen, Erika; **Lyng, Hilda Bø; Ree, Eline; Wiig, Siri.** Relationship between management and resilience in healthcare: a study protocol for a systematic review. *BMJ Open* 2021. UIS

Pietsch, Urs; Knapp, Jürgen; Mann, Michael E.; Meuli, Lorenz; Lischke, Volker; Tissi, Mario; **Sollid, Stephen J. M.;** Rauch, Simon; Wenzel, Volker; Becker, Stefan; Albrecht, Roland. Incidence and challenges of helicopter emergency medical service (HEMS) rescue missions with helicopter hoist operations: analysis of 11,228 daytime and nighttime missions in Switzerland. *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine* 2021. UIS

Ree, Eline; Ellis, Louise A.; **Wiig, Siri.** Managers' role in supporting resilience in healthcare: a proposed model of how managers contribute to a healthcare system's overall resilience. *International Journal of Health Governance* 2021. UIS

Reine, Elizabeth; **Aase, Karina;** Ræder, Johan; Thorud, Anne; Aarsnes, Reidunn M.; Rustøen, Tone. Exploring postoperative handover quality in relation to patient condition: A mixed methods study. *Journal of Clinical Nursing (JCN)* 2021; Volum 30.(7–8) s. 1046–1059. UiO OUS UIS

Shortt, Marie Therese; Smeets, Ionica; **Wiig, Siri; Berg, Siv Hilde; Lungu, Daniel Adrian; Thune, Henriette; Røislien, Jo.** Shortcomings in Public Health Authorities' Videos on COVID-19: Limited Reach and a Creative Gap. *Frontiers in Communication* 2021; Volum 6. s. 1–15. UIS

Sirevåg, Irene; **Tjoflåt, Ingrid;** Hansen, Britt Sætre. A Delphi study identifying operating room nurses' non-technical skills. *Journal of Advanced Nursing* 2021. UIS

Søndergaard, Maja Elisabeth Juul; Lode, Kirsten; Kjosavik, Svein Reidar; **Husebø, Sissel Eikeland.** Men's perception of information and descriptions of emotional strain in the diagnostic phase of prostate cancer—a qualitative individual interview study. *Scandinavian Journal of Primary Health Care* 2021; Volum 39.(4) s. 476–485. SUS UIS

Tjoflåt, Ingrid; Koyo, Samwel Ligmas; Bø, Bodil. Simulation-based education as a pedagogic method in nurse education programmes in sub-Saharan Africa – Perspectives from nurse teachers. *Nurse Education in Practice* 2021; Volum 52. UIS

Tsandila Kalakou, Foteini; Aase, Karina; Kjosavik, Svein Reidar; **Husebø, Sissel Eikeland.** Supportive care needs of men with prostate cancer after hospital discharge: multi-stakeholder perspectives. *International Journal of Qualitative Studies on Health and Well-being* 2021; Volum 16.(1) s. 1–12. UIS SUS

Viksveen, Petter; Bjønness, Stig Erlend; Cardenas, Nicole Elizabeth; Game, Julia Rose; **Berg, Siv Hilde;** Salamonsen, Anita; Storm, Marianne; **Aase, Karina.** User involvement in adolescents' mental healthcare: a systematic review. *European Child and Adolescent Psychiatry* 2021. SUS UiT UIS

Viksveen, Petter; Cardenas, Nicole Elizabeth; Ibenfeldt, Maya; Meldahl, Laia; Krijger, Lou; Game, Julia Rose; Andvik, Maren McLean; Cuddeford, Oliver; Duerto, Samuel; Jafaer, Murad Mustafa; Tong, Mathias. Involvement of adolescent representatives and coresearchers in mental health research: Experiences from a research project. *Health Expectations* 2021 s. 1–11. UIS UiT

Wiig, Siri; O'Hara, Jane K. Resilient and responsive healthcare services and systems: challenges and opportunities in a changing world. *BMC Health Services Research* 2021. UIS

Øyri, Sina Furnes; Braut, Geir Sverre; **Macrae, Carl James; Wiig, Siri.** Investigating hospital supervision: a case study of regulatory inspectors' roles as potential co-creators of resilience. *Journal of patient safety* 2021; Volum 17.(2) s. 122–130. UIS SUS

Book, book chapters, reports and dissertations

Ballangrud, Randi; Aaberg, Oddveig Reiersdal. Medisinske og kirurgiske sengeposter. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 126–140. NTNU UIA

Ballangrud, Randi; Husebø, Sissel Iren Eikeland. Evaluering av teamtrening. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 237–257. NTNU SUS UIS

Ballangrud, Randi; Husebø, Sissel Iren Eikeland. Intensiv. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 157–168. NTNU SUS UIS

Ballangrud, Randi; Husebø, Sissel Iren Eikeland. Teamarbeid og teamtrening i et kvalitets- og pasientsikkerhetsperspektiv. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 40–59. NTNU SUS UIS

Ballangrud, Randi; Husebø, Sissel Iren Eikeland. Teoretiske modeller om teamarbeid og teamtrening. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 60–91. NTNU SUS UIS

Ballangrud, Randi; Karlsen, Tore; Hall-Lord, Marie Louise; Aaberg, Oddveig Reiersdal. TeamSTEPPS i Norge. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 258–282. NTNU UIA

Bergerød, Inger Johanne; Oslo Economics. Evaluering av implementering av pårørendeveilederen – rapport utarbeidet for Helsedirektoratet. Oslo: Helsedirektoratet 2021. UIS

Bergerød, Inger Johanne. Quality and safety in hospital cancer care. A mixed methods study of next of kin involvement. Stavanger: Universitetet i Stavanger 2021; Volum no.589. 212 s. PhD Thesis UiS (May 2021). SUS UIS

Bjørshol, Conrad Arnfinn; **Husebø, Sissel Iren Eikeland.** Prehospitale tjenester. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 196–204. UIS SUS UiB

Dombestein, Heidi. Adult-child Caregivers' Motivations when Caring for Home-dwelling Parents with Dementia. PhD Thesis UiS (no. 590) 2021. 183 s. UIS

Guise, Veslemøy; Wiig, Siri. Simulation to improve primary care systems. I: *Comprehensive healthcare simulation: Improving healthcare systems.* Springer Nature 2021. s. 163–167. UIS

Haraldseid-Driftland, Cecilie; Schibevaag, Lene; Bergerød, Inger Johanne; Dombestein, Heidi; Wiig, Siri. Annual report 2020, SHARE- Centre for Resilience in Healthcare: SHARE – Senter for kvalitet og sikkerhet i helsetjenesten 2021. 43 s. UIS

Holmes, Thekla; **Ballangrud, Randi; Viflåt, Anne.** Operasjonsstua. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 169–178. NTNU

Horsely, Carl; **Wiig, Siri.** Simulation approaches to enhance team and system resilience. I: *Comprehensive healthcare simulation: Improving healthcare systems.* Springer Nature 2021. s. 67–71. UIS

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Akuttmottak. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 149–156. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Fødeenheter og sengeposter for barn. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 141–148. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Hva menes med teamarbeid? I: *Teamarbeid i helsetjeneste: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 23–39. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Hvordan utvikle teamtreningprogram? I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 207–220. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Introduksjon. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 15–20. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Psykiske helsetjenester. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 179–195. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Simuleringsbasert teamtrening. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 221–236. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Teamarbeid i helsetjenesten: *Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. 315 s. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Teamarbeid og teamtrening i helsetjenesten og utdanninger. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 103–125. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Ballangrud, Randi; Dieckmann, Gerhard Peter. Hva mangler det av forskning på teamarbeid i helsetjenesten? I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 92–100. UIS SUS NTNU

Husebø, Sissel Iren Eikeland; Qvindesland, Sigrun Anna; Lorentzen, Helge; Mjelva, Øistein; Olsen, Øystein Evjen. Klinisk ledelse i team. I: *Teamarbeid i helsetjenesten: Fra et kvalitets- og pasientsikkerhetsperspektiv.* Universitetsforlaget 2021. s. 283–306. UIS SUS

Wiig, Siri; Braithwaite, Jeffrey; Braut, Geir Sverre. Politics, accident research and analysis: The evolution of investigation methods and practices in healthcare. I: *Inside Hazardous Technological Systems Methodological Foundations, Challenges and Future Directions.* CRC Press 2021. s. 203–219. UIS HVL SUS

Øyri, Sina Furnes. Healthcare Regulation and Resilience a Norwegian Multilevel Case Study. PhD Thesis. UiS Brage 2021. 210 s. UIS

Conference contributions and scholarly presentations

Aaberg, Oddveig Reiersdal; Husebø, Sissel Iren Eikeland; Hall-Lord, Marie Louise; Ballangrud, Randi. TeamSTEPPS® and the Impact on Patient Safety Culture in a Surgical Ward – a Controlled Study. (Virtual poster with oral presentation video). Virtual International Forum, Europe 2021 BMJ; 2021-06-10–2021-06-11. NTNU UIS UIA

Aase, Ingunn; Wiig, Siri. Episode nr.10: Bak sceneteppet til forskningsprosjektet. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Aase, Ingunn; Wiig, Siri. Episode nr.11: Hvordan er kvalitet forstått blant ledere og ansatte i sykehjem og hjemmetjenesten. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Arora, Sanjana; Bø, Bodil; Tjoflåt, Ingrid; Eslen-Ziya, Hande. Immigrants in Norway: Resilience, Challenges and Vulnerabilities during COVID-19. SHARE fagmøte; 2021-04-28. UIS

Baluszek, Joanna Barbara. Video Consultation Self – Efficacy in Specialized Healthcare. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Berg, Siv Hilde. Bruk av erfaringsbasert kunnskap fra pasienter og helsepersonell i opplæring innen selvmordsforebygging. Møte; 2021-11-05. UIS

Berg, Siv Hilde. Comprehending and acting on pandemic health risk differently. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Berg, Siv Hilde. Comprehending and enacting on complex health risk information: A mental models' study of peoples' perceptions of COVID-19 communication (preliminary results). Covcom meeting; 2021-06-24. UIS

Berg, Siv Hilde. Exponential growth bias of infectious diseases: review (study plan). COVCOM meeting; 2021-12-20. UIS

Berg, Siv Hilde. Hvordan kan ulike sikkerhetsfaglige teorier bidra til kunnskap om alvorlige hendelser og håndtering av disse for å redusere risiko for pasientskader? Prøveforelesning for stilling som førsteamanuensis; 2021-02-15. UIS

Berg, Siv Hilde. Involving the public and experts in creating pandemic health communication. Citizen science seminar; 2021-12-06. UIS

Berg, Siv Hilde. Key concepts in pandemic health risk communication: Expert study (preliminary findings). Covcom meeting; 2021-11-04. UIS

Berg, Siv Hilde. Key essential topics for risk communication during pandemics. COVCOM meeting; 2021-05-12. UIS

Berg, Siv Hilde. Key topics relevant for video creation regarding pandemic health communication to the public. COVCOM meeting; 2021-03-24. UIS

Berg, Siv Hilde. Presentasjon av avlagte doktorgrader i HelseVest, Safe clinical practice for patients hospitalised in mental healthcare during a suicidal crisis. Nettverk for pasientsikkerhetsforskning i Helse Vest; 2021-09-07–2021-09-08. UIS

Berg, Siv Hilde. Resilience and learning: different accident models and its impact on learning. Lecture Master of Prehospital Care; 2021-10-21. UIS

Berg, Siv Hilde. Resilient mental healthcare. Jönköping Academy Improve seminarium; 2021-09-07. UIS

Berg, Siv Hilde. Status and plan for data collection. COVCOM internal meeting; 2021-01-20. UIS

Berg, Siv Hilde. Tailoring the health risk communication message by using the mental models approach. 'Trust Me!' Truthfulness and Truth Claims across Media; 2021-03-09–2021-03-12. UIS

Berg, Siv Hilde. Økopsykologi: Hvordan klima og miljøkrisen påvirker mental helse, mekanismer for naturens påvirkningskraft, helbredelse gjennom naturen. Forlesning i Nettverk for samfunnspsykologi; 2021-08-27. UIS

Berg, Siv Hilde; Shortt, Marie Therese; Røislien, Jo; Lungu, Daniel Adrian; Thune, Henriette; Brønnick, Kolbjørn Kallesten; Wiig, Siri. Health authorities' health risk communication with the public during pandemics: a rapid scoping review. Public Communication of Science and Technology Conference 2020+1.; 2021-05-24–2021-05-26. UIS

Bergerød, Inger Johanne. Bruk av simulering som pedagogisk metode i helseutdanning. Forelesning for UiS; 2021-12-10. UIS

Bergerød, Inger Johanne. Doktorgradspresentasjon. Quality and safety in hospital cancer care – a study of next of kin involvement. Nettverk for pasientsikkerhetsforskning i Helse Vest; 2021-09-07. UIS

Bergerød, Inger Johanne. Hva nå for pårørende? Sykepleierkongressen; 2021-11-30–2021-12-02. UIS SUS

Bergerød, Inger Johanne. Kort presentasjon av avhandlingen 'Quality and safety in hospital cancer care – a mixed methods study of next of kin involvement'. Møte med Kreftforeningen; 2021-10-21. SUS UIS

Bergerød, Inger Johanne. Kvalitet og sikkerhet i sykehus – pårørendes rolle og bidrag i kreftomsorgen. Regional forskningskonferanse innen rehabilitering; 2021-10-28. SUS UIS

Bergerød, Inger Johanne. Next of kin involvement and patient safety – the development of an involvement guide. Master course in Research by Design and Tangible Interaction; 2021-10-22. UIS

Bergerød, Inger Johanne. Presentasjon av avhandlingen 'Quality and safety of cancer care: a mixed methods study of next of kin involvement' for styret i SHARE. Styremøte; 2021-11-10. UIS

Bergerød, Inger Johanne. Pårørendes sin rolle i kreftbehandling. Digitalt innlegg for Kreftforeningen; 2021-08-31. UIS SUS

Bergerød, Inger Johanne. Stakeholder involvement in the investigation of serious adverse events in hospitals. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Bergerød, Inger Johanne. User and next of kin involvement in patient safety. Master course in Patient safety -theory and practice; 2021-09-08. UIS

Bergerød, Inger Johanne. What is the current state of patient safety in cancer care in Norway, and how does this reflect resilience of the system? Prøveforelesning; 2021-05-21. SUS UIS

Bergerød, Inger Johanne; Dombestein, Heidi. Konsept/ide presentasjoner i master kurs 'Research by Design and Tangible Interaction'. Workshop med presentasjon av konsept/ide for tjenestedesign; 2021-11-03. UIS

Bergerød, Inger Johanne; Dombestein, Heidi. Presentation of Network for Carer research and SHARE- centre for resilience in healthcare/UiS. Besøk fra South- Eastern Finland University of Applied Sciences; 2021-11-11. UIS

Bergerød, Inger Johanne; Fagerdal, Birte. Presentasjon av studie 3 i avhandlingen – Quality and safety in hospital cancer care: a mixed methods study of next of kin involvement. Haukeland Universitetssjukehus; 2021-01-18. SUS UIS

Cuevas-Østrem, Mathias. Eldre Traumepasienter i Norge. Fagdag for Traumesenteret i Helse Vest; 2021-04-15. UIS

Cuevas-Østrem, Mathias; Røise, Olav; Wisborg, Torben; Jeppesen, Elisabeth. Røntgenundersøkelser av bekkenet hos eldre traumepasienter. En studie fra Nasjonalt Traumeregister. Ortopedisk høstmøte; 2021-10-28. UIS UiO UiT

Cuevas-Østrem, Mathias; Wisborg, Torben; Røise, Olav; Jeppesen, Elisabeth. Geriatric trauma patients are less likely to receive advanced prehospital care. A study from the Norwegian Trauma Registry. Anestesiologisk høstmøte; 2021-10-28. UIS UiO UiT

Dombestein, Heidi. Adult-child Caregivers' Motivations when Caring for Home-dwelling Parents with Dementia [Disputaspresentasjon]. Disputas – avhandlingspresentasjon; 2021-08-20. UIS

Dombestein, Heidi. 'Dråpen som får begeret til å flyte over' – faktorer som avgjør om personer med demenssykdom kan bo hjemme [Prøveforelesning]. Prøveforelesning for graden philosophiae doctor i helse og medisin; 2021-08-20. UIS

Dombestein, Heidi. Informal caregivers in research and practice. Mastercourse NTNU Gjøvik – IDG4112, Research by Design and Tangible Interaction; 2021-10-22. UIS

Dombestein, Heidi. Invitert gjest i studio på 'Pårørendekonferansen 2021'. Pårørendekonferansen 2021; 2021-10-22. UIS

Dombestein, Heidi. Motivasjon i pårørenderollen når foreldre med demens bor hjemme. Avhandlingspresentasjon under seminar, styremøte i SHARE; 2021-11-10. UIS

Dombestein, Heidi. Nettverk for pårørendeforskning – en kort presentasjon. Møte med Kreftforeningen; 2021-10-21. UIS

Espetvedt, Annelin. Olfactory training for the recovery of smell after COVID-19 and its impact on the quality of life – A brief presentation of the PhD project plan. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Espetvedt, Annelin. Olfactory training for the recovery of smell loss after COVID-19 and its impact on quality of life – A brief presentation of the PhD project plan. SHARE fagmøte; 2021-08-24. UIS

Fagerdal, Birte. Resilience in Healthcare a teambased approach. Resilience in Healthcare international meeting; 2021-01-27. UIS

Fagerdal, Birte. Teamwork for resilience. MHV 264 Patient Safety – theory and practice; 2021-09-08. UIS

Fagerdal, Birte. The role of team and organizational factors for adaptive capacity in hospital teams. SHARE International Symposium for early career research in quality and safety in healthcare; 2021-11-23–2021-11-24. UIS

Fagerdal, Birte; Lyng, Hilda Bø; Guise, Veslemøy; Wiig, Siri. Adaptive capacity in hospital teams a multiple case study. Workshop 2021 RHCS; 2021-08-16–2021-08-18. UIS

Fagerdal, Birte; Wiig, Siri; Lyng, Hilda Bø; Guise, Veslemøy. Resilience in healthcare – a team based approach. The analysis process. Resilience in Healthcare international meeting; 2021-09-23. UIS

Finstad, Anne Strand. Experience from simulation-based team training of non-technical skills and the significance in clinical practice. SHARE International Symposium for Early Career Research in Quality and Safety; 2021-11-23–2021-11-24. OUS

Finstad, Anne Strand. Simulation based team training of non-technical skills among anaesthetic personnel. Fagmøte; 2021-06-08. OUS

Frøiland, Christina Tølbøl; Aase, Ingunn; Husebø, Anne Marie Lunde; Laugaland, Kristin Alstveit. What characterizes the RN mentors' experiences with engaging in a co-creative process target to develop an e-learning intervention to enhance mentorship practices of nursing students in nursing homes. Posterutstilling; 2021-10-04. UIS

Frøiland, Christina Tølbøl; Akerjordet, Kristin. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies (QualinClinStud). Nettverksmøte; 2021-12-02. UIS

Frøiland, Christina Tølbøl; Akerjordet, Kristin. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies (QualinClinStud). Internasjonalt nettverksmøte; 2021-12-02. UIS

Frøiland, Christina Tølbøl; Laugaland, Kristin Alstveit. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies. Informasjonsmøte for sykehjem; 2021-01-20. UIS

Frøiland, Christina Tølbøl; Laugaland, Kristin Alstveit. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies. Informasjonsmøte for sykehjem; 2021-01-25. UIS

PUBLICATIONS

Frøiland, Christina Tølbøl; Laugaland, Kristin Alstveit; Aase, Ingunn. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies. Informasjonsmøte; 2021-01-19. UIS

Guise, Veslemøy. SHARE Patient and Stakeholder Involvement Strategy 2020–2022. SHARE fagmøte; 2021-09-22. UIS

Guise, Veslemøy. Stakeholder analysis: how to identify, categorize, and map stakeholders and stakeholder relationships in healthcare systems research. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Guise, Veslemøy. Stakeholderanalyse. Resilience in Healthcare project WP2 workshop; 2021-09-28. UIS

Guise, Veslemøy; Haraldseid-Driftland, Cecilie; Lyng, Hilda Bø; Fagerdal, Birte; Alsvik, Janne Gro; Schibevaag, Lene; Wiig, Siri. Identifying, categorizing, and mapping stakeholders and stakeholder relationships in resilience in healthcare: preliminary findings from a stakeholder analysis. Resilient Health Care Society Digital Summer Workshop 2021; 2021-08-16–2021-08-18. UIS

Haraldseid-Driftland, Cecilie. Hva er Resiliens? Pasientsikkerhetskonferansen; 2021-11-03. UIS

Haraldseid-Driftland, Cecilie. ‘Learning from success – Developing a collaborative learning tool for resilient healthcare’. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Haraldseid-Driftland, Cecilie. Presentasjon SHARE Involveringspanel. Workshop med stakeholdere; 2021-05-27. UIS

Haraldseid-Driftland, Cecilie. Resilience in Healthcare-Learning from success. Workshop med forskere; 2021-04-22. UIS

Haraldseid-Driftland, Cecilie; Billett, Stephen; Guise, Veslemøy; Schibevaag, Lene; Alsvik, Janne Gro; Fagerdal, Birte; Lyng, Hilda Bø; Wiig, Siri. The role of collaborative learning in resilience in healthcare – A thematic qualitative metasynthesis of resilience narratives. RHCN summer workshop 2021; 2021-08-16–2021-08-18. UIS

Haraldseid-Driftland, Cecilie; Wiig, Siri. Hvordan lære av hva som går bra? Pasientsikkerhetskonferansen; 2021-11-03. UIS

Husebø, Sissel Iren Eikeland. Reflection on simulation. SimPro; 2021-04-07. UIS

Husebø, Sissel Iren Eikeland. Review of reflection in simulation-based learning. European Society of Medicine, General Assembly 2021; 2021-08-19–2021-08-21. UIS

Husebø, Sissel Iren Eikeland. Teamarbeid på 3F. Fagdager på 3F, Stavanger universitetssjukehus; 2021-05-10. UIS

Husebø, Sissel Iren Eikeland; Ballangrud, Randi. Boklansering: Teamarbeid i helsetjenesten. Fra et kvalitets- og pasientsikkerhetsperspektiv. Bokbad på Forskningsdagene ved NTNU i Gjøvik; 2021-09-29. UIS NTNU

Idsøe-Jakobsen, Ingvild. Exploring risk perception, sensemaking, leadership, and adaptive capacity in homecare services – a qualitative study. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Johannessen, Terese. Refleksjoner om SAFE-LEAD guiden. Ledersamling; 2021-09-09. UIS

Johannessen, Terese. Resultater fra SAFE-LEAD intervensjonen. SAFE-LEAD Light; 2021-06-10. UIS

Johannessen, Terese; Aase, Ingunn. Episode nr. 5: Sammenhengen mellom lederguiden og lederforskriften. SAFE-LEAD podden – UiS podkast; 2021-01-13. UIS

Johannessen, Torunn Beate; Holm, Anne Lise; Storm, Marianne. Presentasjon av artikkelen ‘Trygg og sikker bruk av velferdsteknologi i hjemmebasert helse- og omsorgstjeneste’ på seminaret (webinar) ‘Opplæring i forbindelse med velferdsteknologi» arrangert av Norsk velferdsteknologi-program (NVP). ‘Opplæring i forbindelse med velferdsteknologi»; 2021-06-18. HVL UIS

Kattouw, Christophe Eward. Å oppdage eksamensfusks, hvorfor og hvordan? Pedagogisk uke, Det helsevitenskapelige fakultet; 2021-04-19. UIS

Krijger, Lou; **Viksveen, Petter;** Andvik, Maren McLean; Cardenas, Nicole Elizabeth; Cuddeford, Oliver; Duerto, Samuel; Game, Julia Rose; Ibenfeldt, Maya; Meldahl, Laia Gomez; Mustafa, Murad; Tong, Mathias. Involvement of adolescents in mental health research. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Laugaland, Kristin Alstveit. Kvalitet i praksisstudier i sykehjem. Presentasjon av forskningsprosjekt; 2021-08-23. UIS

Laugaland, Kristin Alstveit; Aase, Ingunn; Frøiland, Christina Tølbøl. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies. Informasjonsmøte for sykehjem; 2021-08-23. UIS

Laugaland, Kristin Alstveit; Aase, Ingunn; Frøiland, Christina Tølbøl. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical placement. Pedagogisk uke; 2021-04-20–2021-04-20. UIS

Laugaland, Kristin Alstveit; Frøiland, Christina Tølbøl. Aiming for quality in nursing home care: rethinking clinical supervision and assessment of student nurses in clinical studies. Informasjonsmøte; 2021-01-06. UIS

Lungu, Daniel Adrian. How to perform randomized controlled trials on the effect of targeted health communication? ‘Trust Me!’ Truthfulness and Truth Claims across Media; 2021-03-09–2021-03-12. UIS

Lungu, Daniel Adrian. Testing the influence of multiple factors on health video communication outcomes: a randomized controlled between-subjects design. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Lyng, Hilda Bø; Macrae, Carl James?; Guise, Veslemøy; Haraldseid-Driftland, Cecilie; Fagerdal, Birte; Schibevaag, Lene; Alsvik, Janne Gro; Wiig, Siri. Balancing adaptation and innovation for resilience in healthcare. Resilience in Healthcare Society Workshop RHCS; 2021-08-16–2021-08-18. UIS

Lyng, Hilda Bø; Wiig, Siri; Guise, Veslemøy; Haraldseid-Driftland, Cecilie; Macrae, Carl James; Fagerdal, Birte; Schibevaag, Lene. How to Develop Indicators for Resilience in Healthcare from Capacities. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Magerøy, Malin Emilia Rosell. Exploring leadership perspectives- the dual responsibility of HSE, and patient safety and quality of care. International Symposium for Early Carer Research in Quality and Safety; 2021-11-23–2021-11-24. UIS

Magerøy, Malin Emilia Rosell. Ledelsesperspektiv på det doble ansvaret innen HMS, kvalitet og pasientsikkerhet i kommunehelsetjenesten. SHARE-Involveringspanel; 2021-12-08. UIS

Magerøy, Malin Emilia Rosell. Ledelses-perspektivet på det doble ansvaret innen HMS, kvalitet og pasientsikkerhet i kommunehelsetjenesten. Informasjonsmøte KS; 2021-12-13. UIS

Magerøy, Malin Emilia Rosell. Ledelses-perspektivet på det doble ansvaret innen HMS, kvalitet og pasientsikkerhet i kommunehelsetjenesten. Informasjonsmøte KS; 2021-11-03. UIS

McLean Andvik, Maren; Cardenas, Nicole Elizabeth; Game, Julia Rose; Cuddeford, Oliver; Duerto, Samuel; Ibenfeldt, Maya; Krijger, Lou; Gomez Meldahl, Laia; Mustafa, Murad; Tong, Mathias; **Viksveen, Petter.** Youth co-design in mental health research. Conference for learning enhancement and academics development service (LEADS); 2021-03-08. UIS UiT

Meldahl, Laia G.; Viksveen, Petter. Involvering av ungdommer i forskning om psykisk helse. InvolveMENT-prosjektet. Avdeling for kvalitet og helseteknologi; 2021-12-07. UIS

Myhren, Cecilie Erga. Learning to adapt- The role of individual and collective learning processes in a prehospital setting. International Symposium for Early Career Research in Quality and Safety; 2021-11-23–2021-11-24. UIS

Olaussen, Camilla. Kan simulering styrke praksisstudier? Forskningsmøte; 2021-12-03. LDH

Olaussen, Camilla; Jelsness-Jørgensen, Lars-Petter; Tvedt, Christine Raaen; **Aase, Ingunn;** Steindal, Simen Alexander. Supplementing clinical practice in nursing homes with simulation training: A qualitative study of nursing students’ experiences. NSF konferansen; 2021-12-01–2021-12-02 LDH UIS HIOF

Ree, Eline; Wiig, Siri. SAFE-LEAD lederguide for kvalitetsarbeid. Et forskningsbasert verktøy for dialog og refleksjon. SAFE-LEAD light; 2021-04-12. UIS

Ree, Eline; Aase, Ingunn. Episode nr.4: Erfaringer med bruk av SAFE-LEAD guiden. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Ree, Eline; Aase, Ingunn. Episode 2: Kvalitetsutfordringer og betydning av kontekst. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Rosenberg, Adriana; Thuve Engmann, Janne. Meaning of coping strategies in patient’s self-managment of inflammatory bowel diseases. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Salamonsen, Anita; Ahlzen, Rolf; Kojan, Bente Heggem; Saus, Merete; Thørnblad, Renee; **Viksveen, Petter.** Systematically implementing children’s and adolescents’ views in public services – Reflexive questions to support a complex intervention. EuSARF Conference XVI – The Perspective of the Child; 2021-09-01–2021-09-03. UIS NTNU UiT

Schibevaag, Lene; Bergerød, Inger Johanne; Viksveen, Petter. Forskningsprosjekter og søknader i SHARE. Forskningsworkshop; 2021-04-16. UIS

Seljemo, Camilla. Exploring managers’ role in resilient healthcare during the COVID-19 pandemic. SHARE fagmøte; 2021-02-24. UIS

Seljemo, Camilla. Managers’ experiences from handling and adapting in response to the COVID-19 pandemic in homecare services. International symposium for early career research in quality and safety in healthcare; 2021-11-23–2021-11-24. UIS

Strømme, Torunn. Improving healthcare professionals’ competence in early recognition of deteriorating frail older patients in homecare: A qualitative study. The Tokyo Metropolitan University International symposium 2020; 2021-03-14. UIS

Strømme, Torunn. Innføring av et kompetansprogram for tidlig oppdagelse av forverring hos eldre i hjemmetjenesten -hvordan gikk det? SAFE-LEAD erfaringskonferanse; 2021-11-26. UIS

Strømme, Torunn; Aase, Ingunn. Episode nr.7: Bruk av ABCDE-hva er det? Tracerprosjektet i SAFE-LEAD. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Strømme, Torunn; Lyng, Hilda Bø. Forbedringsarbeid innen ledelse av pasientsikkerhet og kvalitet i kommunal helse- og omsorgstjeneste: SAFE-LEAD light. Ledersamling for ledere i kommunehelsetjenesten; 2021-10-04. UIS

Thomsen, Line Hurup; **Aase, Ingunn.** Episode nr. 12: SAFE-LEAD Light. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Thomsen, Line Hurup; Ullebust, Berit Helen; **Aase, Ingunn.** Episode nr. 8: USHT sin rolle og støtte i SAFE-LEAD prosjektet. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Tjoflåt, Ingrid. Implementing simulation- based education in Malawi and Tanzania. SHARE styremøte; 2021-03-16. UIS

Tjoflåt, Ingrid. NORHED II 2021 – 2026 Implementing simulation-based education in Malawi and Tanzania. Avdelingsmøte for kvalitet og helseteknologi. Universitet i Stavanger; 2021-02-02. UIS

PUBLICATIONS

Tjoflåt, Ingrid. NORHED II 2021 – 2026 Implementing simulation-based education in Malawi and Tanzania. Rektor møte, Universitet i Stavanger; 2021-02-15–2021-02-15. UIS

Tjoflåt, Ingrid. På oppdrag for Røde Kors i konfliktområder. Påfyll; 2021-04-07. UIS

Tsandila Kalakou, Foteini. Presentasjon av delstudie 1: A pathway to meet the supportive care needs of men with prostate cancer after hospital discharge. SHARE fagmøte; 2021-10-18. UIS

Tsandila Kalakou, Foteini; Aase, Karina; Kjosavik, Svein Reidar; **Husebø, Sissel Iren Eikeland.** Presentasjon av artikkel 'Supportive care needs of men with prostate cancer after hospital discharge: multi-stakeholder perspectives'. Prostatakreftforeningen Førjul medlemsmøte; 2021-11-30. UIS SUS

Tsandila Kalakou, Foteini; Wiig, Siri; Aase, Karina. Resilience factors contributing to healthcare professionals' compliance and adaptive capacity with hospital standardization practices: a scoping review. SHARE International Symposium for Early Career Research in Quality and Safety; 2021-11-23–2021-11-24. UIS

Ullebust, Berit Helen; **Aase, Ingunn.** Episode nr. 6: Hva ønsker ledere å vite om kvalitets- og sikkerhetsforskning? SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

van de Bovenkamp, Hester; **Aase, Ingunn.** Episode nr. 9: Erfaringer fra å forske og arbeide med kvalitetsforbedringsarbeid i primærhelsetjenesten i Nederland. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Viksveen, Petter. Analysis of trials within Cohorts (TwICs). Trials using cohorts: guidance on design, analysis and reporting with real-world examples; 2021-05-25. UIS

Viksveen, Petter. Approaches to analysis of Trials within Cohorts (TwICs). TwICs Workshop; 2021-08-25. UIS

Viksveen, Petter. Komplementær og alternativ medisin (KAM) for kreftsykepleiere. Videreutdanning for kreftsykepleiere; 2021-01-14. UIS

Viksveen, Petter. Kvantitativ metode med statistikk, del II. Statistikk i spesialsykepleie; 2021-01-11–2021-01-12. UIS

Viksveen, Petter. Kvantitativ metode med statistikk, del 1. Statistikk i spesialsykepleie; 2021-01-05–2021-01-06. UIS

Viksveen, Petter; Tong, Mathias. SUPPORT4YOUTH – for ungdoms psykiske helse. Kick off for 'Ung i Rogaland 2022'; 2021-06-09. UIS

Wiig, Siri. Artikkelskriving: Do's and Dont's. Fagsamling; 2021-10-27. UIS

Wiig, Siri. Havarikommisjoner i helsetjenesten – Hva så og hvem bryr seg? Fagmøte Seksjon for pasientsikkerhet; 2021-06-07. UIS

Wiig, Siri. Midtveisfest – hva har vi gjort og hva ønsker vi videre? SHARE julefagmøte; 2021-12-14. UIS

Wiig, Siri. National healthcare safety investigation bodies – So what and who cares? Australian Institute of Health Innovation seminar series; 2021-04-21. UIS

Wiig, Siri. Pasienten døde – hvordan skal man da få til involvering i tilsynsoppfølging? Seminar Statens helsetilsyn; 2021-02-04. UIS

Wiig, Siri. Resilience in Healthcare (RiH) – Status. EAB møte; 2021-12-01. UIS

Wiig, Siri. SAFE-LEAD: Hva har vi gjort, lært og lurt på? Og hva nå? Safe-Lead Erfaringskonferanse; 2021-11-26. UIS

Wiig, Siri. Senter for kvalitet og sikkerhet i helsetjenesten: Hvem er vi og hva forsker vi på? Presentasjon for Kreftforeningen; 2021-10-21. UIS

Wiig, Siri. SHARE Midveisevaluering. Styremøte HV fakultetet; 2021-12-14. UIS

Wiig, Siri. SHARE skriveseminar – Hvordan skrive mer? SHARE skriveseminar; 2021-11-17–2021-11-19. UIS

Wiig, Siri. Sterna Teaching 2021-Methodological approaches for resilience engineering – emphasizing qualitative methods and exploring resilience across system levels from the micro-meso-macro level in healthcare. STERNA Diku course Norway – Brazil collaboration; 2021-11-05. UIS

Wiig, Siri; Aase, Ingunn. Episode 1: Presentasjon av SAFE-LEAD forskningsprosjektet. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Wiig, Siri; Aase, Ingunn. Episode nr. 13: Fem år på fem minutt: SAFE-LEAD prosjektet på speed. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Wiig, Siri; Aase, Ingunn. Episode nr. 3: Intervensjonsutvikling-co-design med feltet. SAFE-LEAD podden: En podcast om ledelse av kvalitet og sikkerhet i kommunehelsetjenesten; 2021-01-20. UIS

Wiig, Siri; Dombestein, Heidi. Hvordan skaper vi fellesskap og 'vi' i SHARE – Senter for kvalitet og sikkerhet i helsetjenesten? Et senterleder- og postdoktorperspektiv. UiS lederforum; 2021-11-22. UIS

Wiig, Siri; Dombestein, Heidi. Talking about publication channels – Choices, traps, disasters, and victories. SHARE skriveseminar; 2021-06-03. UIS

Øyri, Sina Furnes. Avhandlingspresentasjon under seminardel, styremøte i SHARE. Styremøte; 2021-11-10. UIS

Øyri, Sina Furnes. Disputaspresentasjon: Rettslig regulering og resiliens i helsetjenesten – en norsk flernivå casestudie. Disputas – avhandlingspresentasjon; 2021-08-26. UIS

Øyri, Sina Furnes. Doktorgradsavhandlingspresentasjon – med vekt på implikasjoner for tilsyn – Fagmøte i Helsetilsynet. Fagmøte i Helsetilsynet; 2021-09-30. UIS

Øyri, Sina Furnes. Fredagsundervisning for Statens Undersøkelseskommissjon (Ukom) om nasjonale virkemidler for kvalitet og sikkerhet. Fredagsundervisning; 2021-12-10. UIS

Øyri, Sina Furnes. Hvordan kan kvalitativ forskning bidra til å styrke Toll som samfunnssikkerhetsaktør og hva kan være særlige utfordringer med slik forskning på Tollrelaterte spørsmål? Forelesning, Risikostyring og samfunnssikkerhet – rettet mot tollutdanningen; 2021-09-16. UIS

Øyri, Sina Furnes. Innblikk i tilsynsarbeid samt ulike aspekter ved arbeid med pasientsikkerhet og kvalitet. Kollokvie om: Styrker og svakheter ved bruk av ulike nasjonale virkemidler for å sikre kvalitet og pasientsikkerhet i spesialisthelsetjenesten; 2021-10-20. UIS

Øyri, Sina Furnes. Internkontroll i spesialisthelsetjenesten – oppsummering av de viktigste funnene. Kvalitet- og pasientsikkerhetsutvalget, ledergruppen SUS; 2021-11-30. UIS

Øyri, Sina Furnes. Linking resilience and regulation across system levels in healthcare – a multilevel study. International Symposium for Early Career Research in Quality and Safety in Healthcare; 2021-11-23–2021-11-24. UIS

Øyri, Sina Furnes. Presentasjon av avhandling- funn og implikasjoner. Pasientsikkerhetskonferansen 2021 Helse Vest; 2021-09-07–2021-09-08. UIS

Øyri, Sina Furnes. Presentasjon av doktorgradsprosjektet med vekt på delstudie 3. Avdelingsmøte Spesialisthelsetjenesteavdelingen; 2021-04-06. UIS

Øyri, Sina Furnes. Presentasjon av forskningen, med vekt på delstudie 3. Presentasjon for Helsedirektoratet (faglunsj); 2021-02-19. UIS

Øyri, Sina Furnes. Proveforelesning: Styrker og svakheter ved bruk av ulike nasjonale virkemidler for å sikre kvalitet og pasientsikkerhet i spesialisthelsetjenesten – erfaring fra inn- og utland. Proveforelesning for graden philosophiae doctor (ph.d.) i helse og medisin; 2021-08-26. UIS

Øyri, Sina Furnes. Reguleringstilpasning av/i helsetjenesten. Fagmøte UKOM; 2021-01-29. UIS

Øyri, Sina Furnes. Samtale om Forskrift om ledelse og kvalitetsutvikling under BI's Topplederprogram for kommune- og spesialisthelsetjenesten. Topplederprogrammet for kommune- og spesialisthelsetjenesten; 2021-05-03. UIS

Øyri, Sina Furnes; Bergerød, Inger Johanne. Involvering av pasient, pårørende og helsepersonell i tilsyn. SHARE Involveringspanel; 2021-12-08. UIS

Øyri, Sina Furnes; Bergerød, Inger Johanne. Workshop med Statens Helsetilsyn – prosjektskisse. Workshop med Statens Helsetilsyn; 2021-12-03. UIS

Popular science contribution

Berg, Siv Hilde. «Det er ikke farlig å ha vondt». Tidsskrift for Norsk Psykologforening 2021; Volum 58.(12) s. 1057–1059. UIS

Berg, Siv Hilde; Strupstad, John Henry. Kognitive intervensjoner i kronisk smertebehandling: For mye av det gode? [sammendrag av kronikk publisert i Tidsskrift for Norsk psykologforening]. Fysioterapeuten 2021. UIS

Berg, Siv Hilde; Walby, Fredrik A. Nullvisjon for selvmord. Tidsskrift for Norsk Psykologforening 2021; Volum 59.(1) s. 30–35. UIS UiO

Fjetland, Kirsten Jæger; **Bergerød, Inger Johanne.** Vårt Land 22.01.22 Hva nå for pårørende?. Avisa Vårt land 22.01.2021. [Kronikk] VID UIS

Olaussen, Camilla; Rolland, Espen Gade; Karlemilsdatter, Elisabeth. Kan simulering bidra til å løse praksisutfordringer? Tidsskriftet sykepleien 2021. LDH

Røislien, Jo; Berg, Siv Hilde. Kunnskapskommunikasjon som fungerer. Aftenposten Viten 2021. UIS

Tjøflåt, Ingrid; Bø, Bodil; Dahl, Øyvind. Vi har tro på sykepleiere på Madagaskar. Madagaskar forum 2021 s. 16–17. UIS

Øyri, Sina Furnes; Berg, Siv Hilde. Nullvisjon for pasientskader – en retorisk skivebom? Dagens medisin 2021. UIS

Øyri, Sina Furnes; Wiig, Siri. Tilsyn uten å sjekke nok. Stavanger Aftenblad 2021. UIS

Media contributions and website material

Berg, Siv Hilde. Berg presents at PCST 2020+1 Conference. UIS

Berg, Siv Hilde. Hackaton: Hvordan lykkes med nullvisjonen for pasientskader. Pasientsikkerhetskonferansen [TV] 2021-11-03. UIS

Berg, Siv Hilde. Kronikken «Det er ikke farlig å ha vondt» er mest lest i 2021. Uis.no [Internett] 2021-12-10. UIS

Berg, Siv Hilde. Postdoctor Siv Hilde Berg presents COVCOM at Citizen Science Seminar. UIS

Berg, Siv Hilde; Shortt, Marie Therese; Thune, Henriette; Røislien, Jo; Lungu, Daniel Adrian. COVCOM workshop at Trust Me! Conference. UIS

Berg, Siv Hilde; Walby, Fredrik A. Fagessay om nullvisjon for selvmord. Nyhetsak UIS. UIS UiO

Berg, Siv Hilde; Walby, Fredrik A. Nullvisjon for selvmord. Nyhetssak Nasjonalt Senter for selvmordsforskning- og forebygging. UIS UiO

Bergerød, Inger Johanne. Forsker om pårørendestrategi: – Dette er et varslet problem over mange år. Vårt land [Avis] 2021-08-06. UIS

Bergerød, Inger Johanne. Invitert gjest i studio på 'Pårørendekonferansen 2021'. Påørørendekonferansen 2021 [Internett] 2021-10-22. UIS

Cuevas-Østrem, Mathias. Ny Forskning om eldre traumepasienter der Nasjonalt traumeregister og NKT-Traume medvirker. UIS

Dombestein, Heidi; Bakke, Gunhild. Frå Davik barne- og ungdomsskule til doktorgrad. Troda Tidende [Avis] 2021-12-13 UIS

Dombestein, Heidi; Åsebø, Kjellrun. Tok doktorgrad – Heidi Dombestein avla nyleg si doktoravhandling om eit svært viktig tema. Fjordenes Tidende [Avis] 2021-08-31. UIS

Mustafa, Murad; **Viksveen, Petter;** Osmundsen, Eigil Kloster. Inkluderte ungdom i forskning på mental helse. Universitetet i Stavanger [Internett] 2021-11-25. UIS

Røislien, Jo; Berg, Siv Hilde. Kunnskapskommunikasjon – en balansekunst. UIS

Shortt, Marie Therese; Berg, Siv Hilde; Lungu, Daniel Adrian. COVCOM Team Present at International Symposium for Early Career Research in Quality and Safety in Healthcare. UIS

Øyri, Sina Furnes. Informasjonsmateriell om effekter ved eksterne evalueringer og sjekklister. UIS

Øyri, Sina Furnes. Nettsak om 'Nullvisjon for pasientskader – en retorisk skivebom?'. UIS

Øyri, Sina Furnes; Berg, Siv Hilde; Osmundsen, Eigil Kloster. Aktuelt fra Det Helsevitenskapelige fakultet 'Nullvisjon for pasientskader – en retorisk skivebom?'. UIS

