

How to make finding and implementing scientific evidence a core element of being an OSH expert

National and University Library of Iceland, Reykjavik, Iceland

10.04.2019 – 12.04.2019

Wednesday, 10.04.2019

9.00-9.30	Course registration and coffee	
9.30-10.00	Opening of the course: <ul style="list-style-type: none"> Course presentation of the participants and lecturers, Jani Ruotsalainen, Jos Verbeek, Jan Hoving and TBC Practical matters 	Jani Ruotsalainen, FI NIVA representative
10.00-10.45	Exercise: When called upon to act as an expert, what is it that participants do and how? How well do participants know and make use of various sources of information? Kahoot quiz and discussion.	Jani Ruotsalainen
10.45-11.15	<i>Coffee, tea and refreshments</i>	
11.15-11.45	Lecture: Influencing knowledge, attitudes and behavior – Different means used by experts within and outside the EBM framework to reach same ends, and the role of uncertainty (+Kahoot quiz about basic concepts of EBM: evidence, effect measures, risk of bias, etc.)	TBC
11.45-12.30	Lecture + exercise: Formulating answerable questions using PICO: aetiology, diagnosis, intervention and prognosis.	TBC
12.30-13.30	<i>Lunch</i>	
13.30-14.15	Lecture + Small group work: Defining questions relevant to occupational health practice using PICO – Participants develop cases throughout the course from questions to findings to answers to application and present them at the end. Here, participants are divided into small groups that each get a case to transform into a PICO question. Tutors help.	TBC
14.15-15.00	Lecture: How to find relevant research (+Kahoot quiz about basic concepts of systematic searching: search terms, connecting them with Boolean operators, databases, etc.). What can you expect a search to yield?	TBC

14.00-15.30	<i>Coffee, tea and refreshments</i>	
15.30-16.00	Lecture: From practice to research and back again: Understanding GRADE and how it helps one interpret systematic reviews and guidelines. How do you process the results of your search to answer your PICO question?	TBC
16.00-17.00	Small group work: Searching for answers to the questions from practice.	TBC
19.00-21.00	<i>Dinner at the hotel</i>	

Thursday, 11.04.2019

9.00-9.30	Discussion: What participants found or how did the research literature answer participants' questions from practice?	TBC
9.30-10.15	Lecture + exercise: What are relevant outcomes in occupational health such as for back pain or hearing loss?	TBC
10.15-11.00	Lecture + exercise: Setting up PubMed alerts to keep up-to-date on a given topic	TBC
11.00-11.15	<i>Coffee, tea and refreshments</i>	
11.15-12.00	Lecture + exercise: How to read systematic reviews and their critical appraisal using AMSTAR II.	TBC
12.00-13.00	<i>Lunch</i>	
13.00-13.45	Small group work + discussion: Dissecting a few Cochrane reviews.	TBC
13.45-14.30	Lecture + exercise: Point-of-care tools such as Dynamed Plus, Up-to-Date and Cochrane Clinical Answers.	TBC
14.30-15.00	Small group work: Refining answers to example PICO questions based on a critical assessment of the evidence found.	

15.00-21.30 Social program: Visit to Blue Lagoon and dinner at Lava restaurant
 15.00 Break for collecting swimsuits and other necessary paraphernalia for the evening.
 15.15 Bus leaves to the Blue Lagoon (trip will take around 50 minutes each way)
 16.15 Arrival at Blue Lagoon geothermal spa (<https://www.bluelagoon.com/>)
 18.30 Dinner at Lava restaurant (also at Blue Lagoon)
 20.30 Bus leaves from Blue Lagoon
 21.30 Arrival back at the hotel

Friday, 12.04.2019

9.00-10.00	Presentations of small group work results.	TBC
10.00-10.45	Lecture + discussion: Applying what we have learned to practice: Balancing evidence with the other two pillars of EBM – clinical expertise AND client preferences/values. This means delivering the right information to the right recipients, using the right tools, and the right packaging. This is also called translating research to practice or simply evidence-based practice.	TBC
10.45-11.00	<i>Coffee, tea and refreshments</i>	
11.00-11.45	General discussion and feedback	TBC
11.45-12.00	Certificates and closing of the course	NIVA representative TBC
12.00-13.00	<i>Lunch</i>	