

Doctoral Programme in Nursing Science

LITERATURE REVIEWS IN HEALTH SCIENCES, 3 ECTS

PROGRAM (updated 4.7.2017)

Time:	Lectures 11.10.2017 at 10–16, rooms B2038 and A2065 12.10.2017 at 8.30-16, room B2034 13.10.2017 at 8.30-15, room B2038 Seminar 29.11.2017 at 9–16, room B2035
Place:	University of Turku, Department of Nursing Science, ICT –city, (address: Joukahaisenkatu 3-5, 20520 Turku)
Course leaders:	PhD, University Teacher Minna Stolt, University of Turku, Professor Sanna Salanterä, University of Turku
Teachers:	PhD, University Teacher Minna Stolt, University of Turku Professor Sanna Salanterä, University of Turku Professor Jane Noyes, Bangor University, UK Kate Flemming, PhD, University of York, UK ScD, Postdoc, Elizabeth Arkema, Department of Medicine, Karolinska Institutet, Sweden PhD Virpi Sulosaari, the University of Applied Sciences, Turku PhD Sanna Koskinen, University of Turku PhD, University Teacher Heli Virtanen, University of Turku MNSc, PhD c, Anni Pakarinen, University of Turku MNSc, PhD c, Riitta Mieronkoski, University of Turku Chief Information Specialist, Elise Johansson, Turku University Library
Learning activities and teaching methods:	Lectures, exercises, seminar working and presentation
Learning outcomes	After the course the student: - knows different literature review types - is able to form relevant research questions for literature review - understands the basic principles of the literature search - is able to name different evaluation criteria for the assessment of research quality - understands how results obtained from the review are interpreted
Evaluation	Accepted -not accepted
Registration	By email to Anne Johansson, amjohan(at)utu.fi. Registration details needed: name, email address, student number and name of the doctoral programme. Deadline 4.10.2017.

Program:

11.10.2017 Department of Nursing Science, ICT building, room B2038

leaders: PhD, University Teacher Minna Stolt and Professor Sanna Salanterä

Theme: Basics of literature reviews in health sciences

- 10.15 Orientation to the course (room B2038)
10.30 Literature reviews in health sciences
Different literature review types
11.45–12.45 Lunch
12.45-15.00 Databases and literature search – tips and hints for researcher (room A2065),
Chief Information Specialist, Elise Johansson, Turku University Library
15.00-15.45 Mendeley reference management system
MNSc, PhD c, Riitta Mieronkoski

12.10.2017 Department of Nursing Science, ICT building, room B2034

leaders: PhD, University Teacher Minna Stolt and Professor Sanna Salanterä

Theme: Examples of Different literature review types

- 8.30-9.15 Review of reviews, MNSc, PhD c, Anni Pakarinen
9.15-10.00 Metasynthesis/-summary, PhD Heli Virtanen
10.00-10.30 Coffee break
10.30-11.15 Integrative literature review, PhD Virpi Sulosaari
11.15-12.00 Scoping review, PhD Sanna Koskinen
12.00-13.00 Lunch
13.00-16.00 Systematic reviews - Details and examples, ScD Elizabeth Arkema
What is?
Basic elements
Review Process
Quality assessment
Interpreting the results

13.10.2017 Department of Nursing Science, ICT building, room B2038

leaders: PhD, University Teacher Minna Stolt and Professor Sanna Salanterä

Theme: Perspectives to qualitative review methodology

- 8.30-14.00 Qualitative and mixed method systematic review methodology
Professor Jane Noyes, Bangor University, UK
Kate Flemming, PhD, University of York, UK
(coffee and lunch breaks included)
14.00-15.00 Introduction to seminar work and discussion about the lectures and
feedback (PhD, University Teacher Minna Stolt, Professor Sanna
Salanterä)

PREPARATORY WORK

Familiarize yourself with the following four articles. Especially focus on concepts used in the research methodology.

Articles are available from the Moodle platform:

Chiesa A, Castagner V, Andrisano C, Serretti A, Mandelli L, Porcelli S, Giommi F. Mindfulness-based cognitive therapy vs. psycho-education for patients with major depression who did not achieve remission following antidepressant treatment. *Psychiatry Res.* 2015 Apr 30;226(2-3):474-83. doi: 10.1016/j.psychres.2015.02.003. Epub 2015 Feb 18. PubMed PMID: 25744325.

Geschwind N, Peeters F, Huibers M, van Os J, Wichers M. Efficacy of mindfulness-based cognitive therapy in relation to prior history of depression: randomised controlled trial. *Br J Psychiatry.* 2012 Oct;201(4):320-5. doi: 10.1192/bjp.bp.111.104851. Epub 2012 Aug 9. PubMed PMID: 22878133.

Kuyken W, Hayes R, Barrett B, Byng R, Dalgleish T, Kessler D, Lewis G, Watkins E, Brejcha C, Cardy J, Causley A, Cowderoy S, Evans A, Gradinger F, Kaur S, Lanham P, Morant N, Richards J, Shah P, Sutton H, Vicary R, Weaver A, Wilks J, Williams M, Taylor RS, Byford S. Effectiveness and cost-effectiveness of mindfulness-based cognitive therapy compared with maintenance antidepressant treatment in the prevention of depressive relapse or recurrence (PREVENT): a randomised controlled trial. *Lancet.* 2015 Jul 4;386(9988):63-73. doi: 10.1016/S0140-6736(14)62222-4. Epub 2015 Apr 20. PubMed PMID: 25907157.

Wyatt C, Harper B, Weatherhead S. The experience of group mindfulness-based interventions for individuals with mental health difficulties: A meta-synthesis *Journal of Psychotherapy Research*, 2014 vol 24: 214-228, Published online: 07 Dec 2013. <http://dx.doi.org/10.1080/10503307.2013.864788>.

29.11.2017 SEMINAR WORK

1. Prepare a power point presentation about your own review study

Length of the presentation max. 12 slides, presentation time 15-30 min.

Return the presentation to course leader at the latest 27.11.2017. Time schedule for the presentations will be confirmed during the lecture days. Seminar day on 29.11.2017 in room B2035.

Literature

Harden A & Thomas J. 2005. Methodological Issues in Combining Diverse Study Types in Systematic Reviews. *International Journal of Social Research Methodology*, 8(3), 257-271.

Geschwind N, Peeters F, Huibers M, van Os J, Wichers M. Efficacy of mindfulness-based cognitive therapy in relation to prior history of depression: randomised controlled trial. *Br J Psychiatry*. 2012 Oct;201(4):320-5. doi:10.1192/bjp.bp.111.104851. Epub 2012 Aug 9. PubMed PMID: 22878133.

Grant MJ & Booth A. 2009. A typology of reviews: an analysis of 14 review types and associated methodologies. *Health Information & Libraries Journal*, 26(2), 91-108. doi:10.1111/j.1471-1842.2009.00848.x.

Green, B. N., Johnson, C. D., & Adams, A. (2006). Writing narrative literature reviews for peer-reviewed journals: secrets of the trade. *Journal of Chiropractic Medicine*, 5(3): 101-117. DOI: 10.1016/S0899-3467(07)60142-6

Harris JD, Quatman CE, Manning MM, Siston RA & Flanigan DC. 2014. How to write a systematic review. *American Journal of Sports Medicine*, 42(11), 2761-2768.

Higgins JPT, Green S (editors). *Cochrane Handbook for Systematic Reviews of Interventions Version 5.1.0 [updated March 2011]*. The Cochrane Collaboration, 2011. Available from www.cochrane-handbook.org.

Joanna Briggs Institute. 2016. <http://joannabriggs.org/>

Kuyken W, Hayes R, Barrett B, Byng R, Dalgleish T, Kessler D, Lewis G, Watkins E, Brejcha C, Cardy J, Causley A, Cowderoy S, Evans A, Gradinger F, Kaur S, Lanham P, Morant N, Richards J, Shah P, Sutton H, Vicary R, Weaver A, Wilks J, Williams M, Taylor RS, Byford S. Effectiveness and cost-effectiveness of mindfulness-based cognitive therapy compared with maintenance antidepressant treatment in the prevention of depressive relapse or recurrence (PREVENT): a randomised controlled trial. *Lancet*. 2015 Jul 4;386(9988):63-73. doi: 10.1016/S0140-6736(14)62222-4. Epub 2015 Apr 20. PubMed PMID: 25907157.

Leucht S, Kissling W & Davis JM. 2009. How to read and understand and use systematic reviews and meta-analyses. *Acta Psychiatrica Scandinavica*, 119(6), 443-450

Liberati A, Altman DG, Tetzlaff J, Mulrow C, Gøtzsche PC, Ioannidis JP, Clarke M, Devereaux PJ, Kleijnen J & Moher D. 2009. The PRISMA statement for reporting systematic reviews and meta-analyses of studies that evaluate health care interventions: explanation and elaboration. *Journal of Clinical Epidemiology*, 62(10), e1-34.

Murad MH, Montori VM, Ioannidis JP, Jaeschke R, Devereaux PJ, Prasad K, Neumann I, Carrasco-Labra A, Agoritsas T, Hatala R, Meade MO, Wyer P, Cook DJ & Guyatt G. 2014. How to Read a Systematic Review and Meta-analysis and Apply the Results to Patient Care Users' Guides to the Medical Literature. *JAMA*, 312(2), 171-179

Walsh D & Downe S. 2005. Meta-synthesis method for qualitative research: a literature review. *Journal of Advanced Nursing*, 50(2), 204-211.