

Doctoral Programme in Nursing Science

## LITERATURE REVIEWS IN HEALTH SCIENCES, 3 ECTS

### PROGRAM

Time:	Lectures 1.10.2018 at 10–16, room Pha 7 (Pharma City) 2.10.2018 at 8.30-16, room Pha 7(Pharma City) 3.10.2018 at 8.30-15, room Pha 7 (Pharma City)  Seminar 8.11.2018 at 9–16, room Pha 2 (Pharma City)
Place:	University of Turku, Department of Nursing Science Lectures and seminars in Pharma City, Itäinen Pitkätatu 4, Turku, see <a href="#">Campus map</a> building T49
Course leaders:	Docent, 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 Liv Fegran, University of Agder, Norway MSc, PhD, Daniela Di Giuseppe, Department of Medicine, Karolinska Institutet, Sweden PhD, Postdoctoral Researcher, Sanna Koskinen, University of Turku PhD, University Teacher Heli Virtanen, University of Turku MNSc, PhD c, Anni Pakarinen, University of Turku MNSc, PhD c, Laura-Maria Peltonen, University of Turku MNSc, PhD c, Riitta Mieronkoski, University of Turku Chief Information Specialist, Leeni Lehtiö, 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	Pass - Fail
Registration	Nettiopsu <a href="#">PGS_1773</a> . Other than UTU students: registration by e-mail <a href="mailto:sanni.gronlund@utu.fi">sanni.gronlund@utu.fi</a> , specify: name, date of birth, doctoral programme. Deadline 24.9.2018.

**Program:**

**1.10.2018 (Pha 7, Pharma City)**

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

**Theme: Basics of literature reviews in health sciences**

- 10.15            Orientation to the course  
10.30            Introduction to literature reviews in health sciences  
                  Definitions for different literature review types  
11.45–12.45       Lunch  
12.45-15.00     Databases and literature search – tips and hints for researcher  
                  Information Specialist, Leeni Lehtiö, Turku University Library  
15.00-15.45     Mendeley reference management system  
                  MNSc, PhD c, Riitta Mieronkoski

**2.10.2018 (Pha 7, Pharma City)**

*leaders: Docent, 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      Metasummary, PhD Heli Virtanen  
10.00-10.30       Coffee break  
10.30-11.15     Integrative literature review, MNSc, PhD c Laura-Maria Peltonen  
11.15-12.00     Scoping review, PhD Sanna Koskinen  
12.00-13.00       Lunch  
13.00-16.00     Systematic reviews - Details and examples, MSc, PhD Daniela Di Giuseppe  
                  What is?  
                  Basic elements  
                  Review Process  
                  Quality assessment  
                  Interpreting the results

**3.10.2018 (Pha 7, Pharma City)**

*leaders: Docent, 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 Liv Fegran  
  
                  (coffee and lunch breaks included)  
  
14.00-15.00     Introduction to seminar work, reflective discussion about the lectures and  
                  feedback  
                  Docent, PhD, University Teacher Minna Stolt and Professor Sanna Salanterä

## PREPARATORY WORK BEFORE LECTURES

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>.

### 8.11.2018 SEMINAR WORK (Pha 2, Pharma City)

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

Length of the presentation max. 12 slides, presentation time 15-30 min. Time schedule for the presentations will be confirmed during the lecture days.

## Supporting literature

Barnett-Page E & Thomas J. 2009. Methods for the synthesis of qualitative research: a critical review. *BMC Medical Research Methodology* 9:59

<https://bmcmmedresmethodol.biomedcentral.com/articles/10.1186/1471-2288-9-59>

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, Manring 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](http://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.