

Interests Register

Behaviour change: technology-based interventions Advisory Committee

Publication Date: 07/10/2020

Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Ralph Bagge	Chair	N/A	None declared		March 2017		N/A
Chris Packham	Core member	Direct - financial	GP, St Luke's Surgery, Nottingham	1996	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct - financial	Section 12 MHA approved doctor, Nottingham Emergency Medical Services	2011	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Honorary Professor of Public Health Practice, Faculty of Medicine, University of Nottingham	2012	September 2017	August 2018	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	UK Chair, Health Services Committee, Faculty of Public Health, Royal College of Physicians (London)	2013	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

							non-specific
		Direct – non-financial professional and personal	Editorial Board member, Medical Care Prospectus, Royal College of Physicians of London	2015	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Member and East Midlands rep, Secure Environments Group, Royal College of General Practitioners	2012	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Indirect - financial	Principal Investigator NIHR CLAHRC East Midlands research grant: CVD risk in male prison populations. Grant went to employer.	2013	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Member and FPH representative, National Cancer Advisory Group.	2018	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	UK Chair of the Health Service Committee, Faculty of Public Health. (Responsible for leading the FPHs specialist advice on policy and training to all matters that relate to public health specialists work in the NHS)	2014	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct – non-financial professional and personal	General Board Member Faculty of Public Health	2016	September 2019	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Midlands and East of England Mental Health Act Approval Panel (GP member)	2017	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Indirect-financial and direct-non-financial professional and personal	Institute of Mental Health University of Nottingham and Leicester Diabetes Centre, Leicester University. PI on £205k CLAHRC / NIHR grant on Cardiovascular risk in Prisons research study with these organisations	2016	September 2019	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Toby Prevost	Core member	Direct – non-financial professional and personal	On-going trial: Feasibility of MAPS (Medication Adherence for Patient Support): A highly tailored text and voice messaging intervention to support medication adherence among patients with Type 2 Diabetes and/or hypertension in primary care. PI: S.Sutton (Cambridge) NIHR RfPB (2016-2018)	2016	September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as medication adherence is out of scope
		Direct – non-financial professional and	On-going study: iQuit: Improving quit rates among smokers in primary care: Pragmatic trial of	2016	September 2017		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for</i>

		personal	effectiveness and cost-effectiveness of a tailored web- and text message-based intervention for smoking cessation. PI: S.Sutton (Cambridge) CRUK (2016-2019)				<p><i>recommendation drafting for RQ1.</i></p> <ul style="list-style-type: none"> Rationale: a paper resulting from this study is included in the evidence base for RQ1.
		Direct – non-financial professional and personal	Targeted Regulatory T Cell Therapy for Inflammatory Bowel Disease. PI: G.Lord (King’s College London) MRC (2016-2022)	2016	September 2017		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific
		Direct – non-financial professional and personal	On-going study: A novel smartphone app for increasing medication adherence in patients prescribed antihypertensive medication in a community pharmacy setting: Randomised feasibility study. PI: S.Sutton (Cambridge) NIHR RfPB (2017-2019)	2017	September 2017		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific as medication adherence is out of scope
		Direct – non-financial professional and personal	On-going study: Scalable low-cost interventions to support medication adherence in people prescribed treatment for hypertension in primary care. PI: S.Sutton (Cambridge) NIHR PGfAR (2017-2022)	2017	September 2017		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific as medication adherence is out of scope
		Direct – non-financial	Yet to be published study: VBI: Development and	2011	November 2018		<ul style="list-style-type: none"> Declare and participate

		professional and personal	evaluation of very brief interventions to increase physical activity in primary care (2011-2016). PI: Stephen Sutton (Cambridge) NIHR/MRC PGfAR RP-PG-0608-10079 £1.7M. (1/1/2011; 66 months)				<ul style="list-style-type: none"> Rationale: interest is non-specific. This study was not identified in the rerun search as it does not contain any terms from the digital/mobile intervention data set.
		Direct – non-financial professional and personal	Published paper: [144] Pears S, Bijker M, Morton K, Vasconcelos J, Parker RA, Westgate K, Brage S, Wilson E, Prevost AT, Kinmonth AL, Griffin S, Sutton S, Hardeman W. A randomised controlled trial of three very brief interventions for physical activity in primary care. <u>BMC Public Health</u> 2016 Sep;16(1):1033	2016	November 2018		<ul style="list-style-type: none"> Declare and participate Rationale: despite being a specific interest the follow-up is outside of the protocols for this guideline.
		Direct – non-financial professional and personal	Published paper: [118] Naughton F, Jamison J, Boase S, Sloan M, Gilbert H, Prevost AT, Mason D, Smith S, Brimicombe J, Evans R, Sutton S. Randomized controlled trial to assess the short-term effectiveness of tailored web- and text-based facilitation of smoking cessation in primary care (iQuit in Practice).	2014	November 2018		<ul style="list-style-type: none"> Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> Rationale: this paper is included in the evidence base for RQ1.

			<u>Addiction</u> 2014;109:1184-93				
	Direct – non-financial professional and personal	Published paper: [102] Sutton S, Smith S, Jamison J, Boase S, Mason D, Prevost AT, Brimicombe J, Sloan M, Gilbert H, Naughton F. Study protocol for iQuit in Practice: a randomised controlled trial to assess the feasibility, acceptability and effectiveness of tailored web- and text-based facilitation of smoking cessation in primary care. <u>BMC Public Health</u> 2013;13(1):324	2012	November 2018			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it was not identified in the original search.
	Direct – non-financial professional and personal	Published paper: [88] Naughton F, Prevost AT, Gilbert H, Sutton S. Randomized controlled trial evaluation of a tailored leaflet and SMS text message self-help intervention for pregnant smokers (MiQuit). <u>Nicotine and Tobacco Research</u> 2012;14:569-77.	2012	November 2018			<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base as the follow-up is outside of the protocols for this guideline.
	Direct – non-financial professional and personal	Published paper: [51] Naughton F, Prevost AT, Sutton S. Self-help smoking cessation interventions in pregnancy - a systematic review and meta-analysis. <u>Addiction</u> 2008;103:566-79	2008	November 2018			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it was not identified in the original search.

Raymond Jankowski <i>(Attended PHAC 0-1 only. Resigned May 2019)</i>	Core member	Indirect-financial	Wife is employed as the National Lead for immunisation at PHE.		August 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Chris Owen <i>(Resigned October 2019)</i>	Core member	Direct - financial	Consultancy: paid for projects including a review of special educational needs and development of provision for children and young people across the London Borough of Tower Hamlets. None of these relate to the topic under consideration.		September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct - financial	School commissioned evaluation project on employability.		September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Registered NIHR public health peer reviewer. No payment involved.		September 2017		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Ian Basnett	Core member	Indirect – non-financial professional and personal	My department at Barts Health has used phone-based apps to promote exercise amongst staff, including GCC in 2016 which became Virgin Global	2016	October 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is specific but indirect. The member does

			Challenge and Step Jockey in 2017. In both cases I did not directly make the decisions, nor was there any financial interest.				not gain financially.
		Direct-non-financial professional and personal	Supervising a trainee and being a co-applicant on a trial of the use of the fit bit smart watch to promote exercise amongst staff. Fit bit have provided free smart watches to staff. I have received no financial or other benefits.	February 2020	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest the member does not gain financially nor will this guideline recommend specific interventions.
Jane Leaman	Core member	Direct – financial	Employee of Public Health England.	January 2014	October 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Ray Canham	Core member	N/A	None declared.		October 2017		N/A
Grace Hampson	Core member	Indirect - financial	Employee of the Office of Health Economics, a charity that receives funding from a variety of sources – including the Association of the British Pharmaceutical Industry.	June 2014	May 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer receives funding.

		Indirect - financial	OHE Consulting (GH is an employee) is working on an economic evaluation of a web—based cognitive behavioural therapy tool to improve sleep (Sleepio), funded through an Innovate UK grant in collaboration with Oxford Academic Health Science Network.	May 2018	October 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer receives funding.
Sally Cartwright	Core member	N/A	None declared.		September 2019		N/A
Barry Causer	Topic member	N/A	None declared.		September 2018		N/A
Felix Naughton	Topic member	Direct – non-financial professional and personal	I undertake (and have a professional interest in) research studies evaluating digital interventions, some of which I have co-developed, though I have no direct financial involvement in any of the interventions. This influences my professional reputation. All projects related to behaviour change are listed below.	2005	September 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct non-financial professional and personal and	Investigating within-person patterns and trajectories of dual e-cigarette and tobacco use: a mixed methods study.	2019	October 2019	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

		indirect-financial	Cancer Research UK Tobacco Advisory Group				non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal and indirect-financial	Tailored interventions to assist smokers to stop smoking using e-cigarettes (TASSE). MRC Public Health Intervention Development Scheme. Funding goes to employer.	2019	October 2019	2021	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct – non-financial professional and personal and indirect-financial	A theory-based online-delivered intervention to promote weight loss maintenance: a within-person randomised controlled trial. Foundation for Polish Science: HOMING Program. Funding goes to employer.	2019	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as weight loss maintenance is out of scope.
		Direct non-financial professional and personal and indirect-financial	The NeSCi Study - Neonatal unit Smoking Cessation intervention development. NIHR Research for Patient Benefit. Funding goes to employer.	2019	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it was not identified in the original search.
		Direct non-financial professional and personal and indirect-financial	Feasibility randomised controlled trial of a smoking cessation smartphone app that delivers 'context aware' behavioural support in real	2019	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is specific but funding

			time. NIHR Public Health Research. Funding goes to employer.				went to employer.
		Direct non-financial professional and personal and indirect-financial	A qualitative study of factors influencing adherence among pregnant women attempting to stop smoking with the aid of electronic cigarettes. Cancer Research UK Population Research Committee. Funding goes to employer.	2018	December 2018	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal and indirect-financial	Development and evaluation of web-based interventions to promote the uptake and effective use of health and wellbeing apps. Public Health England PhD Studentship Fund (with matched funding from the University of East Anglia). Funding goes to employer.	2018	December 2018	2021	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as the outcome is outside of the protocols for this guideline.
		Direct non-financial professional and personal and indirect-financial	ToQuit: Development and preliminary evaluation of a technology assisted tobacco cessation intervention in India. MRC NIHR DfID Wellcome Global Health Trials. Funding goes to employer.	2018	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this was not identified by the rerun search as the study is ongoing but would be excluded as the study type and

							outcome is outside of the protocols for this guideline.
		Direct non-financial professional and personal and indirect-financial	A randomised controlled feasibility trial of a tailored digital behaviour change intervention with e-referral system to increase attendance at NHS Stop Smoking Services: The StopApp. NIHR Public Health Research Programme. Funding goes to employer.	2018	December 2018	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this protocol will not be included in the evidence base.
		Direct non-financial professional and personal and indirect-financial	Attitudes to and use of electronic cigarettes: a multi-centre longitudinal cohort survey of smokers and recent ex-smokers during pregnancy and postpartum. Cancer Research UK Tobacco Advisory Group project grant.	2017	December 2018	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal and indirect-financial	The MiQuit study: RCT and meta-analysis testing effectiveness and cost effectiveness of a tailored text message programme for smoking cessation in pregnancy. Cancer Research UK Population Research Committee. Funding goes to employer.	2017	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: a paper resulting from this study is included in the evidence base

							for RQ1.
		Direct - non-financial professional and personal and indirect-financial	Preventing Return to Smoking Postpartum (PReS Study) – Development of a complex intervention to sustain smoking cessation in postpartum women. MRC Public Health Intervention Development (PHIND) scheme. Funding goes to employer. Publication: Brown T, Hardeman W, Bauld L, Holland R, Maskrey V, Naughton F, Orton S, Ussher M, Notley C. A systematic review of behaviour change techniques within interventions to prevent return to smoking postpartum. Addictive Behaviours (in press).	2017	December 2018	2018	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as relapse prevention is out of scope.
		Direct non-financial professional and personal and indirect-financial	Scalable low-cost interventions to support medication adherence in people prescribed treatment for hypertension in primary care. NIHR Programme Grants for Applied Research. Funding goes to employer.	2017	December 2018	2022	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as medication adherence is out of scope
		Direct non-financial	Improving effectiveness of nicotine replacement therapy	2017	December	2023	<ul style="list-style-type: none"> • Declare and

		professional and personal and indirect-financial	for smoking cessation in pregnancy through better adherence and adequate dosing. NIHR Programme Grants for Applied Research. Funding goes to employer.		2018		<p>participate</p> <ul style="list-style-type: none"> Rationale: interest is non-specific
		Direct non-financial professional and personal and indirect-financial	A randomised controlled trial on the effectiveness of GP promotion of e-cigarettes in supporting reduced smoking and abstinence in hardcore smokers with smoking-related chronic disease. National Institute for Health Research (NIHR) School for Primary Care Research Project Research Grant. Funding goes to employer.	2017	December 2018	2019	<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal and indirect-financial	Helping pregnant smokers quit: Multi-centre RCT of electronic cigarettes vs usual care. NIHR Health Technology Assessment (HTA) programme. Funding goes to employer.	2017	December 2018	2021	<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal and indirect-financial	Smoking cessation advice in primary care; what does it comprise of and does it make a difference? Cancer Research UK Tobacco Advisory Group project grant. Funding goes to employer.	2017	December 2018	2018	<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific.

		Direct non-financial professional and personal and indirect-financial	Assessing the potential of a data sharing and communication facility within a cessation smartphone app (Q Sense) for patients and NHS smoking cessation advisors. National Institute for Health Research (NIHR) School for Primary Care Research Project Research Grant. Funding goes to employer.	2015	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: Interest is non-specific.
		Direct non-financial professional and personal and indirect-financial	Improving quit rates among smokers in primary care: Pragmatic trial of effectiveness and cost-effectiveness of a tailored web- and text message-based intervention for smoking cessation. Funding goes to employer.	2016	December 2018	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: Despite being a specific interest this study was excluded due to the comparator being outside of the study protocols.
		Direct non-financial professional and personal and indirect-financial	Attitudes to electronic cigarettes: a qualitative study of women who are pregnant or have recently given birth. Cancer Research UK Tobacco Advisory Group (TAG) Project Grant. Funding goes to employer. Publication: Bowker K, Orton S, Cooper S, Naughton F, Whitemore R, Lewis S, Bauld	2015	December 2018	2016	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.

			L, Sinclair L, Coleman T, Dickinson A, Ussher M. Views on and experiences of electronic cigarettes: a qualitative study of women who are pregnant or have recently given birth. BMC Pregnancy Childbirth. 2018, 15;18(1):233				
		Direct non-financial professional and personal and indirect-financial	<p>Promoting smoking cessation using mobile phone technologies. Society for the Study of Addiction Fellowship. Funding goes to employer.</p> <p>Publications: Emery J, Coleman T, Sutton S, Cooper S, Leonardi-Bee J, Jones M, Naughton F. Real-world uptake of tailored, text message, smoking cessation support in pregnancy (MiQuit) when offered online. Journal of Medical Internet Research, 2018, 19;20(4):e146</p>	2014	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Sloan M, Hopewell S, Coleman T, Cooper S, Naughton F. Smoking cessation support by text message during pregnancy: a qualitative study of views and	2014	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.

			experiences of the MiQuit intervention. Nicotine & Tobacco Research, 2017, 19(5):572-577				
		Direct non-financial professional and personal	Naughton F. Delivering 'Just-In-Time' smoking cessation support via mobile phones: Current knowledge and future directions. Nicotine & Tobacco Research 2017, 19(3): 379-383	2014	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Naughton F, Riaz M, Sutton S. Response Parameters for SMS Text Message Assessments Among Pregnant and General Smokers Participating in SMS Cessation Trials. Nicotine & Tobacco Research, 2016, 18(5):1210-4	2014	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal and indirect-financial	Bowker K, Campbell K, Coleman T, Lewis S, Naughton F, Cooper S. Understanding pregnant smokers' adherence to nicotine replacement therapy during a quit attempt: a qualitative study. Nicotine &	2014	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.

			Tobacco Research, 2016, 18(5):906-12				
		Direct non-financial professional and personal and indirect-financial	<p>Feasibility and acceptability of a novel smoking cessation smartphone sensing app delivering support triggered by real-time events (QSense). Medical Research Council Public Health Intervention Development Scheme (PHIND). Funding goes to employer.</p> <p>Publication: Naughton F, Hopewell S, Lathia N, Schalbroeck R, Brown C, Mascolo C, Sutton S. The feasibility of a context sensing smoking cessation smartphone application (Q Sense): a mixed methods study. JMIR mHealth uHealth, 2016, 4(3).</p>	2014	December 2018	2015	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal and indirect-financial	<p>Barriers and facilitators to smoking cessation in pregnancy and following childbirth. HTA Programme, NIHR. Funding goes to employer.</p> <p>Publications: Naughton F, Hopewell S, Sinclair L, McCaughan D, McKell J,</p>	2014	December 2018	2015	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal and indirect-financial	<p>Barriers and facilitators to smoking cessation in pregnancy and following childbirth. HTA Programme, NIHR. Funding goes to employer.</p> <p>Publications: Naughton F, Hopewell S, Sinclair L, McCaughan D, McKell J,</p>	2013	December 2018	2015	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.

			Bauld L. Barriers and facilitators to smoking cessation in pregnancy and in the post-partum period: The health care professionals' perspective. British Journal of Health Psychology. 2018 23(3):741-757				
		Direct non-financial professional and personal and indirect-financial	Bauld L, Graham H, Sinclair L, Flemming K, Naughton F, Ford A, McKell J, McCaughan D, Hopewell S, Angus K, Eadie D, Tappin D. Barriers to and facilitators of smoking cessation in pregnancy and following childbirth: literature review and qualitative study. Health Technology Assessment, 2017, 21(36)	2013	December 2018	2015	<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific-interest this study was excluded from the evidence base.
		Direct non-financial professional and personal and indirect-financial	NIHR Programme Grants for Applied Research: Improving the effectiveness and reach of NHS support for smoking cessation in pregnancy. Funding goes to employer. Publications: Naughton F, Foster K, Emery J, Cooper S, Sutton S, Leonardi-Bee J,	2010	December 2018	2017	<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the effectiveness and

			Jones M, Ussher M, Whitemore R, Leighton M, Montgomery A, Parrott S, Coleman T. Large multi-centre pilot randomized controlled trial testing a low-cost, tailored, self-help smoking cessation text message intervention for pregnant smokers (MiQuit). <i>Addiction</i> , 2017, 112(7):1238-1249				cost-effectiveness evidence base for RQ1.
		Direct non-financial professional and personal	Naughton F, Cooper S, Bowker K, Sutton S, Leonardi-Bee J, Sloan M, Campbell K, Fahy S, Coleman T. The adaption and uptake of a text message smoking cessation programme (MiQuit) for use in early antenatal care. <i>BMJ Open</i> , 2015, 5:e008871		December 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Naughton F, Jamison J, Boase S, Sloan M, Gilbert H, Prevost AT, Mason D, Smith S, Brimicombe J, Evans R, Sutton S. Randomized controlled trial to assess the short-term effectiveness of tailored web- and text-based facilitation of smoking	2014	May 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the

			cessation in primary care (iQuit in Practice). <u>Addiction</u> 2014;109:1184-93				evidence base for RQ1
		Direct non-financial professional and personal	Consultancy project for ResMed (medical technology company): led a project to develop a proposal for a digital smoking cessation program that included a connected nicotine inhaler (a new form of nicotine replacement therapy). I have received no personal income from this.	2019	June 2020	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the member did not benefit financially.
		Direct non-financial professional and personal	Developing a computerised tailored intervention guide to support physiotherapists work with their patients to improve pain and function related health outcomes. Norfolk and Research Capability Funding.	2019	June 2020	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Investigating within-person patterns and trajectories of dual e-cigarette and tobacco use: a mixed methods study. Cancer Research UK Tobacco Advisory Group	2019	June 2020	2020	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.
		Direct non-financial professional and personal	TJ Brown, L Bauld, W Hardeman, R Holland, F Naughton, S Orton. Re-Configuring Identity	2017	June 2020	2023	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.

			Postpartum and Sustained Abstinence or Relapse to Tobacco Smoking. International journal of environmental research and public health, 2019; 16 (17), 3139				
		Direct non-financial professional and personal	C Notley, TJ Brown, L Bauld, W Hardeman, R Holland, F Naughton et al. Development of a complex intervention for the maintenance of postpartum smoking abstinence: Process for defining evidence-based intervention. International journal of environmental research and public health, 2019; 16 (11), 1968.	2017	June 2020	2023	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Thomson, R., McDaid, L., Emery, J., Phillips, L., Naughton, F., Cooper, S., Dyas, J. & Coleman, T., Practitioners' Views on Nicotine Replacement Therapy in Pregnancy during Lapse and for Harm Reduction: A Qualitative	2017	June 2020	2023	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.

			Study International Journal of Environmental Research and Public Health, 2019. 16, 23				
		Direct non-financial professional and personal	Thomson, R., McDaid, L., Emery, J., Naughton, F., Cooper, S., Dyas, J. & Coleman, T., Knowledge and Education as Barriers and Facilitators to Nicotine Replacement Therapy Use for Smoking Cessation in Pregnancy: A Qualitative Study with Health Care Professionals. International Journal of Environmental Research and Public Health, 2019. 16, 10, 1814.	2017	June 2020	2023	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct non-financial professional and personal	Begh, R., Coleman, T., Yardley, L., Barnes, R., Naughton, F., Gilbert, H., Ferrey, A., Madigan, C., Williams, N., Hamilton, L., Warren, Y., Grabey, J., Clark, M., Dickinson, A. & Aveyard, P., Examining the effectiveness of general practitioner and nurse promotion of electronic	2017	June 2020	2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.

			cigarettes versus standard care for smoking reduction and abstinence in hardcore smokers with smoking-related chronic disease: protocol for a randomised controlled trial. <i>Trials</i> , 2019. 20, 1, 659.				
		Indirect financial	My employer (University of East Anglia) benefits from income from grants listed in the previous section and can benefit financially if any of the publications I am a co-author on have been submitted as part of the Research Exercise Framework (REF).	2016	June 2020	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is indirect and non-specific.
Lucy Yardley	Topic member	Direct – non-financial professional and personal	<p>I have co-authored academic papers and book chapters on the matter under consideration and my name is on conference abstracts which are published, or will be published in the future.</p> <p>Little P, Stuart B, Hobbs FDR, Kelly J, Smith E, Bradbury K, Hughes S, Smith PWF, Moore M, Lean M, Margetts B, Byrne C, Griffin</p>	2017	September 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base as it relates to nurse input which is outside of the protocols for this guideline.

			S, Davoudianfar M, Hooper J, Yao G, Zhu S, Raftery J, Yardley L (2017) Randomised controlled trial and economic analysis of an internet-based weight management programme: POWeR+ (Positive Online Weight Reduction). Health Technology assessment. 21(4): 1-62				
		Direct – non-financial professional and personal	Little P, Stuart B, Hobbs R, Kelly J, Smith E, Bradbury K, Hughes S, Smith P, Moore M, Lean M, Margetts B, Byrne C, Griffin S, Davoudianfar M, Hooper J, Yao G, Zhu S, Raftery J, Yardley L (2016) An internet-based intervention with brief nurse support to manage obesity in primary care (POWeR+): a pragmatic, parallel-group, randomised controlled trial. The Lancet: Diabetes & Endocrinology 4 (10) 821-828	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base as it relates to nurse input which is outside of the study protocols.
		Direct – non-financial professional and personal	Morrison L, Moss-Morris R, Michie S, Yardley L. (2014) Optimizing engagement with Internet-based health behaviour change interventions: Comparison of self-assessment with and	2014	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this was excluded from the

			without tailored feedback using a mixed methods approach. British Journal of Health Psychology 19 (4) 839-55				evidence case due to study type.
	Direct – non-financial professional and personal		Brown J, Michie S, Geraghty AWA, Yardley L, Gardner B, Shahab L, Stapleton JA, West R (2014). Internet-based intervention for smoking cessation (StopAdvisor) in people with low and high socioeconomic status: a randomized controlled trial. The Lancet Respiratory Medicine, 2:997-1006.	2014	November 2018		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the evidence base for RQ1.
	Direct – non-financial professional and personal		Yardley L, Ware L, Smith E, Williams S, Bradbury K, Arden-Close E, Mullee M, Moore M, Peacock J, Lean M, Margetts B, Byrne C, Hobbs R, Little P (2014) Randomised controlled feasibility trial of a web-based weight management intervention with nurse support for obese patients in primary care. International Journal of Behavioral Nutrition and Physical Activity 11:67	2014	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base as it involves nurse support.
	Direct – non-financial		Lloyd S, Dennison L, Morrison L, Phillips D, Michie	2013	November		<ul style="list-style-type: none"> • Declare and participate.

		professional and personal	S, Murray E, Roderick P, Little P, Yardley L (2013) Losing weight online with POWeR: a randomised controlled trial of a web based behavioural intervention in a community setting. The Lancet 382 S62		2018		<ul style="list-style-type: none"> • Rationale: despite being a specific interest, this was excluded from the evidence base as it involves nurse support.
		Direct – non-financial professional and personal	Brown J, Michie S, Geraghty AW, Miller S, Yardley L, Gardner B, Shahab L, Stapleton JA, West R. (2012) A pilot study of StopAdvisor: a theory-based interactive internet-based smoking cessation intervention aimed across the social spectrum. Addictive Behaviors. 37(12):1365-70.	2012	November 2018		<ul style="list-style-type: none"> • Declare and participate. • Rationale: despite being a specific interest, this was excluded from the evidence base.
		Direct – non-financial professional and personal	Morrison, L. G., Yardley, L., Powell, J., & Michie, S. (2012). What design features are used in effective e-Health interventions? A review using techniques from critical interpretive synthesis. Telemedicine and e-Health, 18 (2), 137-144.	2012	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct – non-financial professional and personal	Bradbury, K, Morton K, Band R, van Woezik A, Grist R, McManus R, Yardley L (2018) Using the Person-Based Approach to optimise a digital intervention for the	2018	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it does not focus on

			management of hypertension. PLOS one, e0196868				behaviour change but on the management of a condition.
		Direct – non-financial professional and personal	Geraghty A, Stanford R, Stuart B, Little P, Roberts L, Foster N, Hill J, Hay E, Turner D, Malakan W, Leigh L, Yardley L (2018) Using an internet intervention to support self-management of low back pain in primary care: Findings from a randomised controlled feasibility trial (SupportBack) BMJ Open 2018 Mar 9;8(3):e016768	2018	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it does not focus on behaviour change but on the management of a condition.
		Direct – non-financial professional and personal	Morrison L, Geraghty A, Lloyd S, Goodman N, Michaelides D, Hargood C, Weal M, Yardley L (2018) Comparing usage of a web and app stress management intervention: An observational study. Internet Interventions 12, 74-82	2018	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it does not focus on behaviour change but on the management of a condition.
		Direct – non-financial professional and personal	Garip, G, Morton K, Bridger R, Yardley L (2017) Evaluating the feasibility of a web-based weight loss programme for naval service personnel with excess body weight. Pilot and Feasibility	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the

			Studies, 3:6				evidence base as it omits effectiveness data.
		Direct – non-financial professional and personal	Michie S, Yardley L, West R, Patrick K, Greaves F (2017) Developing and Evaluating Digital Interventions to Promote behavior change in health and health care: recommendations resulting from an international workshop. Journal of Medical Internet Research 19 (6) e232	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this workshop will not be included in the evidence base.
		Direct – non-financial professional and personal	Morrison L, Hargood C, Pejovic V, Geraghty A, Lloyd S, Goodman N, Michaelides D, Weston A, Musolesi M, Weal M and Yardley L (2017) The effect of timing and frequency of push notifications on usage of a smartphone-based stress management intervention: an exploratory trial. PLoS ONE 12 (1): e0169162	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it does not focus on a behaviour of interest.
		Direct – non-financial professional and personal	Muller A, Blandford A, Yardley L (2017) The conceptualization of a Just-In-Time Adaptive Intervention (JITAI) for the reduction of sedentary behavior in older adults. Mhealth 3:9	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this will not be included in the evidence base as it

							omits effectiveness data.
		Direct – non-financial professional and personal	Muller I, Rowsell A, Stuart B, Hayter V, Little P, Ganahl K, Muller G, Doyle G, Chang P, Lyles C, Nutbeam D, Yardley L (2017) Effects on Engagement and Health Literacy Outcomes of Web based materials promoting physical activity in people with diabetes: An international randomized trial. Journal of Medical Internet Research. 19(1) e21	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this will not be included in the evidence base as it concerns engagement.
		Direct – non-financial professional and personal	Murray E, Sweeting M, Dack C, Pal K, Modrow K, Hudda M, Li J, Ross J, Alkhalidi G, Barnard M, Farmer A, Michie S, Yardley L, May C, Parrott S, Stevenson F, Knox M, Patterson D (2017) Web-based self-management support for people with type 2 diabetes (HeLP-Diabetes): randomised controlled trial in English primary care. BMJ Open	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as it does not focus on behaviour change but on the management of a condition.
		Direct – non-financial professional and personal	McNamee P, Murray E, Kelly M, Bojke L, Chilcott J, Fischer A, West R, Yardley L (2016) Designing and Undertaking a Health Economics Study of Digital	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will

			Health Interventions. American Journal of Preventive Medicine 51 (5): 852-860				not be included in the evidence base as interventions are omitted.
	Direct – non-financial professional and personal		Geraghty A, Munoz R, Yardley L, Moore, M (2017) Developing an Unguided internet delivered intervention for emotional distress in primary care patients: applying common factor and person based approaches. JMIR Mental Health. 3:4:e53	2017	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it does not focus on a behaviour of interest.
	Direct – non-financial professional and personal		Morrison D, Wyke S, Saunderson K, McConnachie A, Agur K, Chaudhuri R, Thomas M, Thomson NC, Yardley L, Mair FS (2016) Findings from a Pilot Randomised trial of an Asthma Internet Self-management Intervention (RAISIN) BMJ Open 6 5 e009254	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as the study was excluded from the evidence base as it does not focus on behaviour change but on the management of a condition.
	Direct – non-financial professional and personal		Morton K, Dennison L, May C, Murray E, Little P, McManus R, Yardley L (2016) Using digital interventions for self-management of chronic physical health conditions: A	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as the study was excluded from the evidence

			meta-ethnography review of published studies. Patient Education and Counseling 100 (4): 616-635				base as it does not focus on a behaviour change but on the management of a condition.
		Direct – non-financial professional and personal	Yardley L, Choudhury T, Patrick K, Michie S (2016) Current Issues and Future Directions for Research Into Digital Behavior Change Interventions. American Journal of Preventive Medicine. 51(5) 814-815	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as interventions are omitted.
		Direct – non-financial professional and personal	Yardley L, Spring BJ, Riper H, Morrison LG, Crane DH, Curtis K, Merchant G, Naughton F, Blandford A. (2016). Understanding and Promoting Engagement with Digital Behavior Change Interventions. American Journal Preventive Medicine, 51: 833-842.	2016	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as interventions are omitted.
		Direct – non-financial professional and personal	Arden-Close E, Smith E, Bradbury K, Morrison L, Dennison L, Michaelides D, Yardley L (2015) A Visualization Tool to Analyze Usage of Web based Interventions: The Example of Positive Online Weight Reduction (POWeR). JMIR	2015	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base as it involves nurse

			Human Factors 2 (1)				support.
		Direct – non-financial professional and personal	Rowse A, Muller I, Murray E, Little P, Byrne C, Ganahl K, Muller G, Gibney S, Lyles C, Lucas A, Nutbeam D, Yardley L (2015) Views of people with high and low levels of health literacy about a digital intervention to promote physical activity for diabetes: a qualitative study in five countries. Journal of Medical Internet Research 17 10 e230	2015	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it omits effectiveness data.
		Direct – non-financial professional and personal	Yardley L, Morrison L, Bradbury K and Muller I (2015) The Person-Based Approach to Intervention Development: Application to Digital Health-Related Behavior Change Interventions. Journal of Medical Internet Research, 17:1 e30	2015	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as interventions are omitted.
		Direct – non-financial professional and personal	Morrison LG, Hargood C, Lin SX, Dennison L, Joseph J, Hughes S, Michaelides D, Johnston D, Johnston M, Michie S, Little P, Smith PWF, Weal M, Yardley L. (2014) Understanding usage of a hybrid website and smartphone app for weight management: a mixed-	2014	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest, this was excluded from the evidence base due to study type.

			methods study. Journal of Medical Internet Research 16(10):e201				
		Direct – non-financial professional and personal	Renouf S, Bradbury K, Yardley L, Little P (2014). The role of nurse support within an Internet-delivered weight management intervention: A qualitative study. Psychology, Health & Medicine, 20 8 963-971	2014	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it omits effectiveness data.
		Direct – non-financial professional and personal	Michie S, Brown J, Geraghty A, Miller S, Yardley L, Gardner B, Shahab L, Stapleton J and West R (2013) A randomised controlled trial of a theory-based interactive internet-based smoking cessation intervention ('StopAdvisor'): Study protocol. Journal of Smoking Cessation 8, (2), 63-70	2013	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this protocol will not be included in the evidence base.
		Direct – non-financial professional and personal	Yardley L, Douglas E, Anthierens S, Tonkin-Crine S, O'Reilly G, Stuart B, Geraghty W A, Arden-Close E, van der Velden W A, Goosens H, Verheij JM T, Butler C, Francis A N, Little P (2013). Evaluation of a web-based intervention to	2013	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as prescribing is out of scope.

			reduce antibiotic prescribing for LRTI in six European countries: quantitative process analysis of the GRACE/INTRO randomised controlled trial. Implementation Science. 8:134				
		Direct – non-financial professional and personal	Grimmett C, Armes J, Breckons M, Calman L, Corner J, Fenlon D, Hulme C, May CM, May CR, Ream E, Richardson A, Smith P, Yardley L, Foster C. (2013) RESTORE: an exploratory trial of an online intervention to enhance self-efficacy to manage problems associated with cancer-related fatigue following primary cancer treatment: study protocol for a randomized controlled trial. Trials 14 184	2013	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and does not focus on a behaviour of interest.
		Direct – non-financial professional and personal	Dennison L, Morrison L, Conway G, Yardley L (2013) Opportunities and Challenges for Smartphone Applications in Supporting Health Behavior Change: Qualitative Study. Journal of Medical Internet Research. 15 (4) e86	2013	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it omits effectiveness data.

		Direct – non-financial professional and personal	Yardley L, Williams S, Bradbury K, Garip G, Renouf S, Ware L, Dorling H, Smith E, Little P (2012). Integrating user perspectives into the development of a web-based weight management intervention. <i>Clinical Obesity</i> , 2:132-141	2012	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it is a background paper.
		Direct – non-financial professional and personal	Michie S, Brown J, Geraghty A, Miller S, Yardley L, Gardner B, Shahab L, McEwen A, Stapleton J, West R (2012) Development of StopAdvisor: A theory-based interactive internet-based smoking cessation intervention. <i>Translational behavioral medicine</i> . 2 (3) 263-	2012	November 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study will not be included in the evidence base as it omits effectiveness data.
		Indirect - financial	I have co-developed digital interventions with research funding and am working with the university to try to disseminate them by a variety of channels. This is not listed as a financial interest since no profits for the university or myself have arisen or are likely to arise from these activities, but dissemination can be considered to present a		September 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is specific but the member did not benefit financially

			conflict similar to publication on the topic.				
		Indirect-financial	Research grants and contracts listed below. Skatova, A., Yardley, L. & Birchley, G. (2019-2021) Data Donation: Personal Data for Health Research & Policy Making		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Joinson C, Whale K, Yardley L, Ingram J. (2019) Evaluating the usability, acceptability and potential effectiveness of a smartphone app to support the management of urinary incontinence and urgency in young people		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Craddock, I. J. & Yardley, L. (2018-2021) EBI Digital Health Strand		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Thomas M, Wang K, Yardley L, Tonkin Crine S, Ainsworth B, Madigan C, Stuart B, Wolstenholme J, Yang Y, Pavord I, Little P, Harrison T, Shaw D, Russel D., Development and evaluation of an online FeNO-guided		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

			primary care asthma management intervention. NIHR-PGfAR, £2,480,562				
		Indirect-financial	Scarborough, P., et al inc Yardley, L., (2018- 2019) Self-monitoring of online food purchases. MRC, £149,009	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Lambert H, Hickman M, Yardley L, Cabral C, Guiqing L Y, Tarrant C, Oliver I, MacGowan A, Little P, Stuart B, Shi L, Fu C, Wang D, Hu X, Sun Y, Cooper N, Kasprzyk-Hordern B, Zheng B, Yan F, Wang H, Sheppard S, Deng Y (2019-2022) Strategies to reduce the burden of antibiotic resistance in China. MRC, £965,017	2019	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Little P, Ainsworth B, Butler C, Geraghty A, Hay A, Moore M, Raftery J, Rathod S, Richards-Hall S, Seely J, Stuart B, Verheij T, Yao L, Yardley L. (2019 – 2024) REducing Common infections in Usual practice for Recurrent Respiratory tract infections. (RECUR). NIHR PGfAR £2,462,362	2019	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

		Indirect-financial	Sheikh A, Coleman J, Bate D, Chuter A, Cresswell K, Hopkins S, Lilford R, Mason J, Mozaffar H, Pontefract S, Slee A, Slight S, Watson N, Weir C, Williams R, Yardley L (2019 –2024) Development and evaluation of a complex ePrescribing-based Antimicrobial Stewardship (ePAMS+) intervention for hospitals. NIHR PGfAR, £2,480,562	2019	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Horwood J, Farr M, Banks J, Yardley L, Turner A & Feder G (2018 – 2020) DECODE: unexpecteD consEquenCes of Digital hEalth, NIHR SAPC	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial and direct-non-financial professional and personal	Yardley L (2018 – 2023) NIHR Senior Investigator	2019	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Indirect-financial	Everitt H, Little P, Yardley L, Bishop F, Morrison L (2018 – 2020) Expectation management for patients in primary care: Developing and feasibility testing a new digital intervention for practitioners. NIHR SPCR, £377, 279	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

		Indirect-financial	Geraghty A, Little P, Yardley L, Roberts L, Stuart B, Griffiths G (2018-2021) Supporting self-management of low back pain with an internet intervention in primary care: A full randomised controlled trial and cost effectiveness analysis. NIHR-HTA, £989,667	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Yardley L (2018 – 2019) Improving Communication between patients and healthcare staff. NIHR-DRF,	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and payment went to employer.
		Indirect-financial	McManus, R., Yardley, L et al. (2018-2021) Towards An Integrated Self-Monitoring Solution for Stroke/TIA, Stroke Association/British Heart Foundation, £1,479,418	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Scarborough, P., et al. (2018-2019) Self-monitoring of online food purchases: development of the myShop app. MRC, £149,009	2018	May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received

							funding.
	Indirect-financial	Daley, A., Yardley, L. et al. (2017-2019) PIMMS: Feasibility trial of weight management intervention for postnatal women. NIHR-HTA, £326,039	2017	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Yardley, L. (Academic lead) with Changing Health (2017-2019) Knowledge Transfer Partnership, Innovate UK, £157,300	2017	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Rogers, A., Yardley, L et al. (2018-2020) PALS: Project About Loneliness and Social networks. NIHR-PHR, £831,495	2018	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Santer, M., Yardley, L. et al. (2018-2022) Supporting self-care for eczema in the community. NIHR-PGfAR, £2,631,802	2018	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Yardley, L. et al. (2017-2019) National dissemination of LifeGuide digital interventions for self-management of	2017	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

			health, ESRC, £17,552.99				non-specific and employer received funding.
	Indirect-financial	Vedhara, K., et al., (2016 – 2017) Reducing the impact of diabetic foot ulcers on patients and the health service: the REDUCE programme, NIHR, £99,995	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Read, J., Godfrey, K., Djukanovic, R., Yardley, L., Temple, K. (2017 – 2021) Biomedical Research Centre £14,509,067	2017	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Little P, Yardley L (PIs) et al (2017- 2026) Reducing and preventing Cognitive impairment in older age groups (the RECON programme), NIHR £2,799,331	2017	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Yardley et al (2016-2019) True NTH, Movember / Prostate Cancer UK £12,524	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Cabral et al (2016-2018) PREparing for Improving the	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate

			use of NHS primary care services and antibiotics for Children with Respiratory Tract infections. NIHR £100,000				<ul style="list-style-type: none"> Rationale: interest is non-specific and employer received funding.
	Indirect-financial		Cox, A. et al. (2016-2020) GetAMoveOn: transforming health through enabling mobility. EPSRC, £909,727	2016	May 2019		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific and employer received funding.
	Indirect-financial		Little, P., Yardley, L. (P.I.s) et al. (2016-2020) Cancer: Life Affirming Survivorship support in Primary care (CLASP) Programme. NIHR-PGfAR, £2,499,011	2016	May 2019		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific and employer received funding.
	Indirect-financial		McManus, R. et al. (2016-2021). Optimising the monitoring and management of raised blood pressure during and after pregnancy. NIHR, £2,498,512	2016	May 2019		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific and employer received funding.
	Indirect-financial		O’Cathain A, Croot E, Duncan E, Hoddinott E, Yardley L, Turner K. (2016-2018). Identifying and critiquing different approaches to developing complex interventions	2016	May 2019	2018	<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific and employer received funding.

			(INDEX study). MRC, £380,464.				
	Indirect-financial	Heller S et al (2016-2021) Developing and trialling the DAFNEplus (Dose for Adjustment for Normal Eating) intervention. NIHR-PGfAR £2,725,255	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Little P et al (2016 – 2021) Screen and TREAT for Malnutrition (STREAM) Programme. NIHR-PGfAR £2,728,152	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Peto, T. et al. (2016-2021) Antibiotic Reduction and Conservation in Hospitals (ARK-Hospital) NIHR-PGfAR, £2,649,834	2016	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Indirect-financial	Begh R, Aveyard P, Coleman T, Naughton F, Gilbert H, Barnes R, McNeill A, Yardley L (2016-2018) Examining the effectiveness of GP promotion of E-Cigarettes in supporting reduced smoking and abstinence in hardcore smokers with smoking related chronic disease (ERASE),	2016	May 2019	2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

			Management of smoking in primary care (MaSC), NIHR SPCR £361,597				
		Indirect-financial	Yardley L, Little P (2015-2018) E-coachER NIHR-HTA £73,695	2015	May 2019	2018	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Yardley, L. et al. (2015-2017) National dissemination of LifeGuide digital interventions for self-management of health, ESRC, £18,915.96.	2015	May 2019	2017	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Gulliford, M. et al. (2015-2017). Electronically delivered, multi-component intervention to reduce unnecessary antibiotic prescribing in primary care. Cluster randomised trial using electronic health records (eCRT2). NIHR-HTA, £533,000.	2015	May 2019	2017	<ul style="list-style-type: none"> • Declare and participate <p>Rationale: interest is non-specific and employer received funding.</p>
		Indirect-financial	Taylor, A., et al. (2014-2017) Interventions to enhance engagement in exercise referral schemes. HTA, £1,341,705	2014	May 2019	2017	<ul style="list-style-type: none"> • Declare and participate <p>Rationale: interest is non-specific and employer received</p>

							funding.
	Indirect-financial	Yardley, L. et al. (2014-2019). Integrating Digital Interventions into Patient Self-Management Support (DIPSS). NIHR, £1,998,666.	2014	May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Direct-non-financial professional and personal	Journal papers/academic journals: Bishop, F., Greville-harris, M. L., Bostock, J., Amy, E. D., Graham, C., Lewith, G., Liossi, C., O'Riordan, T., White, P. J. & Yardley, L., Supporting informed choice in acupuncture: effects of a new person-, evidence-, and theory-based website for patients with back pain (21 Mar 2019) In : Acupuncture in Medicine.Dack,		May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
	Direct-non-financial professional and personal	C., Ross, J., Stevenson, F., Pal, K., Gubert, E., Michie, S., Yardley, L., Barnard, M., May, C., Farmer, A., Wood, B. & Murray, E., A digital self-management intervention for adults with type 2 diabetes: Combining theory, data and participatory design to develop HeLP-Diabetes (20 Mar 2019) In : Internet		May 2019			<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as the study was excluded from the evidence base as it does not focus on a behaviour change but on the management of a

			Interventions.				condition.
		Direct-non-financial professional and personal	O'Cathain, A., Croot, E., Sworn, K., Duncan, E., Rousseau, N., Turner, K., Yardley, L. & Hoddinott, P., Taxonomy of approaches to developing interventions to improve health: a systematic methods overview (2019) In : Pilot and Feasibility Studies. 5, 41, 27 p.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	GRACE consortium, Antibiotic Prescribing for Acute Respiratory Tract Infections 12 Months After Communication and CRP Training: A Randomized Trial (2019) In : Annals of Family Medicine. 17, 2, p. 125-132 8 p		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Gulliford, M. C., Juszczuk, D., Prevost, T., Soames, J., McDermott, L., Sultana, K., Wright, M., Fox, R., Hay, A., Little, P., Moore, M., Yardley, L., Ashworth, M. & Charlton, J., Electronically delivered interventions to reduce antibiotic prescribing for respiratory infections in primary care: cluster RCT using electronic health records and cohort study (2019) In : Health Technology		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as prescribing is out of scope.

			Assessment. 23, 11, 98 p				
	Direct-non-financial professional and personal		Krusche, A., Bradbury, K., Corbett, T., Barnett, J., Stuart, B., Yao, G. L., Bacon, R., Böhning, D., Cheetham-Blake, T., Eccles, D., Foster, C., Geraghty, A. W. A., Leydon, G., Müller, A., Neal, R. D., Osborne, R., Rathod, S., Richardson, A., Sharman, G., Summers, K. & 5 others Watson, E., Wilde, L., Wilkinson, C., Yardley, L. & Little, P., Renewed: Protocol for a randomised controlled trial of a digital intervention to support quality of life in cancer survivors (2019) In : BMJ Open. 9, 11 p., e024862.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
	Direct-non-financial professional and personal		Miller, S., Ainsworth, B., Yardley, L., Milton, A., Weal, M., Smith, P. & Morrison, L., A Framework for Analyzing and Measuring Usage and Engagement Data (AMUsED) in Digital Interventions: Viewpoint (2019) In : JMIR. 21, 2, p. e10966 13 p., e10966.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
	Direct-non-financial professional and personal		Arden-Close, E., Kirby, S. E., Yardley, L., Bruton, A.,		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

			Ainsworth, B. & Thomas, D. M., Evaluation of a breathing retraining intervention to improve quality of life in asthma: quantitative process analysis of the BREATHE randomised controlled trial (2019) (Accepted/In press) In : Clinical Rehabilitation.				non-specific
		Direct-non-financial professional and personal	Bishop, F. L., Greville-Harris, M., Bostock, J., Din, A., Graham, C. A., Lewith, G., Lioffi, C., O'Riordan, T., White, P. & Yardley, L., Informing Adults With Back Pain About Placebo Effects: Randomized Controlled Evaluation of a New Website With Potential to Improve Informed Consent in Clinical Research (2019) In : JMIR. 21, 1, 15 p., e9955.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Gulliford Martin C, Prevost A Toby, Charlton Judith, Juszczuk Dorota, Soames Jamie, McDermott Lisa et al. Effectiveness and safety of electronically delivered prescribing feedback and decision support on antibiotic		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

			use for respiratory illness in primary care: REDUCE cluster randomised trial BMJ 2019; 364 :l236				
		Direct-non-financial professional and personal	Bruton A , Lee A, Yardley L, Raftery J, Arden-Close E, Kirby S, Zhu S, Thiruvothiyur M, Webley F, Taylor L, Gibson D, Yao G, Stafford-Watson M, Versnel J, Moore M, George S, Little P, Djukanovic R, Price D, Pavord I, Holgate S & Thomas M. (2018). Physiotherapy breathing retraining for asthma: a randomised controlled trial. Lancet Respiratory Medicine, 6, 1, 19-28.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Corbett T, Cheetham T, Muller A, Slodkowska-Barabasz J, Wilde L, Krusche A, Richardson A, Foster C, Watson E, Little P, Yardley L, Bradbury K (2018) Exploring cancer survivors' views of health behavior change: "Where do you start, where do you stop with everything?" Psycho-Oncology 27 (7)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Dekker ARJ, de Groot E, Sebalj T, Yardley L, Cals JWL, Verheij TJM, van der Velden AW (2018) Parents'		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

			attitudes and views regarding antibiotics in the management of respiratory tract infections in children: a qualitative study of the influence of an information booklet BJGP Open. Online: bjgpopen18X101553				non-specific
		Direct-non-financial professional and personal	Elaheebocus SMRA Weal M, Morrison L, Yardley L (2018) Peer-based social media features in behavior change interventions: systematic review Journal of Medical Internet Research 20(2):e20		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Greenwell K, Sivyer K, Vedhara K, Yardley L, Game F, Chalder T, Richards G, Drake N, Gray K, Weinman J, Bradbury K (2018) Intervention planning for the REDUCE maintenance intervention: a digital intervention to reduce re-ulceration risk among patients with a history of diabetic foot ulcers. BMJ Open 8 (5)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Ingram I, Webb D, Taylor R, Anokye N, Yardley L, Jolly K, Mutrie N, Campbell J, Gerard Dean S, Greaves C, Steele M, Lambert J, McAdam C,		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

			Jane B, King J, Jones B, Little P, Woolf A, Erwin J, Charles N, Terry R, Taylor A (2018) Multicentred randomised controlled trial of an augmented exercise referral scheme using web-based behavioural support in individuals with metabolic, musculoskeletal and mental health conditions: protocol for the e-coachER trial. BMJ Open. 2018;8:e022382				
		Direct-non-financial professional and personal	Li, J, Parrott S, Sweeting M, Farmer A, Ross J, Dack C, Pal K, Yardley L, Barnard M, Hudda M, Alkhalidi G, Murray E (2018) Cost-effectiveness of facilitated access to a self-management website (HeLP-Diabetes) compared to usual care for patients with Type 2 Diabetes: a randomised-control trial Journal Medical Internet Research (in press		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as the study was excluded from the evidence base as it does not focus on a behaviour change but on the management of a condition.
		Direct-non-financial professional and personal	Miller S, Ainsworth B, Yardley L, Milton A, Weal M, Smith P, Morrison L (2018) Supporting Systematic Assessment of Digital Interventions: A Framework for Analysing and Measuring Usage and Engagement Date (AMUsED)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

			Journal Medical Internet Research (in press)				
		Direct-non-financial professional and personal	Morton K, Dennison L, Bradbury K, Band R, May C, Raftery J, Little P, McManus R Yardley L (2018) A qualitative process study to explore the perceived burdens and benefits of a digital intervention for self-managing high blood pressure in Primary Care in the UK BMJ Open 8 (5) e020843		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Murray E, Ross J, Pal K, Li J, Dack C, Stevenson F, Sweeting M, Parrott S, Barnard M, Yardley L, Michie S, May C, Patterson D, Alkhaldi G, Fisher B, Farmer A, O'Donnell O (2018)A web-based self-management programme for people with type 2 diabetes: the HeLP-Diabetes research programme including RCT. Programme Grants for Applied Research. 6 (5)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change but on the management of a condition.
		Direct-non-financial professional and personal	Pal K, Dack C, Ross J, Michie S, May C, Stevenson F, Farmer A, Yardley L, Barnard M, Murray E (2018) Digital Health Interventions for Adults with type 2		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a

			diabetes: Qualitative study of patient perspectives on diabetes self-management education and support. Journal Medical Internet Research 2018;20(2):e40				behaviour change but on the management of a condition.
	Direct-non-financial professional and personal		Morrison, L. G., Hargood, C., Pejovic, V., Geraghty, A. W. A., Lloyd, S., Goodman, N., Michaelides, D. T., Weston, A., Musolesi, M., Weal, M. J. & Yardley, L., (2018) Correction: The effect of timing and frequency of push notifications on usage of a smartphone-based stress management intervention: An exploratory trial (PLoS ONE (2017) 12:1 (e0169162) DOI: 10.1371/journal.pone.0169162), In : PLoS ONE. 13, 5, e0198008		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as the study was excluded from the evidence base as it does not focus on a behaviour change but on the management of a condition.
	Direct-non-financial professional and personal		Arden-Close E, Yardley L, Kirby S, Thomas M, Bruton A (2017) Patients' experiences of breathing retraining for asthma: a qualitative process analysis of participants in the intervention arms of the BREATHE trial. Primary Care Respiratory Medicine, 27, 56.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct-non-financial professional and personal	Band R, Bradbury K, Morton K, May C, Michie S, Mair F, Murray E, McManus R, Little P, Yardley L (2017) Intervention planning for a digital intervention for self-management of hypertension: a theory evidence and person based approach. Implementation Science. 12:25		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change but on the management of a condition.
		Direct-non-financial professional and personal	Bradbury K, Morton K, Band B, May C, McManus, Little P, Yardley L (2017) Understanding how primary care practitioners perceive an online intervention for the management of hypertension. BMC Medical Informatics and Decision Making. 17:5		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Burridge J, Lee A, Turk R, Stokes M, Whitall J, Vaidyanathan R, Clatworthy P, Hughes AM, Meagher C, Franco E and Yardley L (2017) Tele-health, wearable sensors and the Internet. Will they improve stroke outcomes through increased intensity of therapy, motivation and adherence to rehabilitation programs? Journal of Neurologic		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

			Physical Therapy 41 S32-S38				
		Direct-non-financial professional and personal	Corbett T, Singh K, Payne E, Bradbury K, Foster C, Watson E, Richardson A, Little P, Yardley L (2017) Understanding acceptability of and engagement with web-based interventions aiming to improve quality of life in cancer survivors- a synthesis of current research. Journal of Psycho-Oncology 27 (1) 22-33		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Deckx L, Anthierens S, Magin P, Morgan S, McArthur L, Yardley L, Dallas A, Little P, van Driel M (2017) Focus on early-career GPs: qualitative evaluation of a multi-faceted educational intervention to improve antibiotic prescribing. Family Practice 16; 35(1):99-104		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Dekker A, Verheij T, Broekhuizen B, Butler C, Cals J, Francis N, Little P, Sanders L, Yardley L, Zuithoff N, van der Velden A (2017) Effectiveness of GP online training and an information booklet for parents on antibiotic		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

			prescribing for children with RTI in primary care: a cluster randomised controlled trial.				
		Direct-non-financial professional and personal	Essery R, Kirby S, Geraghty A, Yardley L (2017) Older adults' experiences of internet-based vestibular rehabilitation for dizziness: A longitudinal study. <i>Psychology and Health</i> 32:11, 1327-1347		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Geraghty A, Essery R, Kirby S, Stuart B, Turner D, Little P, Bronstein A, Andersson G, Carlbring P, Yardley L (2017) Internet-based vestibular rehabilitation for older adults with chronic dizziness: A randomized controlled trial in primary care. <i>The Annals of Family Medicine</i> . 15 (3), 209-216.		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Glowacka M, Yardley L, Stone N, Graham C (2017) Feasibility and preliminary effectiveness of the eHIS (Homework Intervention Strategy) programme to enhance male condom use: A research protocol. <i>Journal of Medical Internet Research</i> (in press)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was not identified in the rerun search as the study type is outside of the study protocols.

		Direct-non-financial professional and personal	Hudson J, Moss-Morris R, Norton S, Picariello F, Game D, Carroll, Spencer J, McCrone P, Hotopf M, Yardley L, Chilcot J (2017) Tailored online cognitive behavioral therapy with or without therapist support calls to target psychological distress in adults receiving haemodialysis: a feasibility randomised controlled trial. Journal of Psychosomatic Research 102:61-70		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Magin P, Tapley, Morgan S, Davis J, McElduff P, Yardley L, Henderson K, Dallas A, McArthur, Mulquiney K, Davey A, Little P, Spike N, van Driel M (2017) Reducing early career general practitioners' antibiotic prescribing for respiratory tract infections: a pragmatic prospective non-randomised controlled trial. Family Practice 16;36(1):53-60		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Murray, E, Ross J, Pal K, Li J, Dack C, Stevenson F, Sweeting M, Parrott S, Barnard M, Yardley L, Michie S, May C, Patterson D, Alkhaldi G, Fisher B, Farmer A, O'Donnell O (2017)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change

			Development, evaluation (including randomised controlled trial and economic evaluation) and implementation of a web-based self-management programme for people with type 2 diabetes (HeLP-Diabetes). NIHR Journal Library Publications ERO				but on the management of a condition.
		Direct-non-financial professional and personal	Smith E, Bradbury K, Scott L, Steele M, Little P, Yardley L (2017) Providing Online weight management in Primary Care: a mixed methods process evaluation of healthcare practitioners' experiences of using and supporting patients using POWeR+. Implementation Science. 12:69		May 2019		<ul style="list-style-type: none"> • Declare and participate. • Rationale: despite being a specific interest, this was excluded from the evidence base due to study type and it involves nurse support.
		Direct-non-financial professional and personal	Thomas M, Bruton A, Little P, Holgate S, Lee A, Yardley L, <i>et al.</i> A randomised controlled study of the effectiveness of breathing retraining exercises taught by a physiotherapist either by instructional DVD or in face-to-face sessions in the management of asthma in adults. <i>Health Technol Assess</i> 2017;21(53)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct-non-financial professional and personal	van Vugt V, van der Wouden C, Bosmans J, Smallbrugge M, van Diest W, Essery R, Yardley L, van der Horst H, Maarsingh O (2017) Guided and unguided internet based vestibular rehabilitation versus usual care for dizzy adults of 50 years and older: a protocol for a three armed randomized trial. BMJ Open 7 (1)		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	McNamee P, Murray E, Kelly M, Bojke L, Chilcott J, Fischer A, West R, Yardley L (2016) Designing and Undertaking a Health Economics Study of Digital Health Interventions. American Journal of Preventive Medicine 51 (5): 852-860		May 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Indirect-financial	<p>Research grants and contracts:</p> <p>Thomas, M, (Chief Investigator), Ainsworth, B, Stuart, B, Madigan, C, Wolstenholme, J, Wang, K, Tonkin-Crine, S, Yang, Y, Russell, D, Wiltshire, S, Shaw, D, Pavord, I, Yardley, L, Little, P, Harrison, T (co-investigators) (Feb-2020-</p>	February 2020	June 2020	February 2025	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

			Feb-2025) Development and evaluation of an online FeNO-guided primary care asthma management intervention. NIHR £2,620,657				
		Indirect-financial	Yardley, L. Et al. (Apr-20-Jun-21) Implementation of a digital behavioural change intervention to improve hand hygiene Evaluation in UK and China of how 'Germ Defence' (www.germdefence.org) can be rapidly adapted and optimised for the COVID-19 outbreak, using novel participatory-co-design methods.UKRI. £249,056	April 2020	June 2020	June 2021	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Craddock, I. (Director), Yardley, L. (co-Director, Research) et al. (2019-2027) EPSRC Centre for Doctoral Training in Digital Health and Care. £6,315,146	2019	June 2020	2027	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Indirect-financial	Thomas M, Wang K, (P.I.s) Yardley L (WP co-lead) et al (2020-2025) Development and evaluation of an online FeNO-guided primary care asthma management intervention. NIHR-PGfAR, £2,480,562	2020	June 2020	2025	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

		Direct-non-financial professional and personal	<p>Journal papers, academic papers:</p> <p>Mowbray, F, Sivyer, K, Santillo, M, Jones, N, Peto, TEA, Walker, AS, Llewelyn, MJ & Yardley, L 2020, 'Patient engagement with antibiotic messaging in secondary care: a qualitative feasibility study of the 'review & revise' experience', <i>Pilot and Feasibility Studies</i>, vol. 6, no. 43 (2020), 43 (2020). https://doi.org/10.1186/s40814-020-00590-5</p>		June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific
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		Direct-non-financial professional and personal	Parretti, HM, Ives, NJ, Tearne, S, Vince, AT, Greenfield, SM, Jolly, K, Jebb, S, Frew, E, Yardley, L, Little, P, Pritchett, R & Daley, A 2020, 'Protocol for the feasibility and acceptability of a brief routine weight management intervention for postnatal women embedded within the national child immunisation programme: randomised controlled cluster feasibility trial with nested qualitative study (PIMMS-WL)', <i>BMJ Open</i> , vol. 2020, e033027. https://doi.org/10.1136/bmjopen-2019-033027		June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
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		Direct-non-financial professional and personal	Band, R, Hinton, L, Tucker, KL, Chappell, LC, Crawford, C, Franssen, M, Greenfield, S, Hodgkinson, J, McCourt, C, McManus, RJ, Sandall, J, Santos, MD, Velardo, C & Yardley, L 2019, 'Intervention planning and modification of the BUMP intervention: a digital intervention for the early detection of raised blood pressure in pregnancy', <i>Pilot and Feasibility Studies</i> , vol. 5, 153 (2019). https://doi.org/10.1186/s40814-019-0537-z	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Geraghty, AWA, Roberts, LC, Stanford, R, Hill, JC, Yoganantham, D, Little, P, Foster, NE, Hay, EM & Yardley, L 2019, 'Exploring Patients' Experiences of Internet-Based Self-Management Support for Low Back Pain in Primary Care', <i>Pain Medicine</i> . https://doi.org/10.1093/pm/pnz312	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change but on the management of a condition.

		Direct-non-financial professional and personal	Begh, R, Coleman, T, Yardley, L, Barnes, R, Naughton, F, Gilbert, H, Ferrey, A, Madigan, C, Williams, N, Hamilton, L, Warren, Y, Grabey, J, Clark, M, Dickinson, A & Aveyard, P 2019, 'Examining the effectiveness of general practitioner and nurse promotion of electronic cigarettes versus standard care for smoking reduction and abstinence in hardcore smokers with smoking-related chronic disease: protocol for a randomised controlled trial', <i>Trials</i> , vol. 20, 659 (2019).	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as e-cigarettes are out of scope.
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		Direct-non-financial professional and personal	Taylor, AH, Taylor, RS, Ingram, WM, Anokye, N, Dean, SG, Jolly, K, Mutrie, N, Lambert, JD, Yardley, L, Greaves, CJ, King, J, McAdam, C, Steele, M, Price, L, Streeter, A, Charles, N, Terry, R, Webb, DPS, Campbell, J, Hughes, L, Ainsworth, B, Jane, B, Jones, B, Erwin, J, Little, P, Woolf, A & Cavanagh, C 2019, 'Adding web-based behavioural support to exercise referral schemes for inactive adults with chronic health conditions: the e-coachER Randomised Controlled Trial', <i>Health Technology Assessment</i> .	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
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			Muller, I, Santer, M, Morrison, L, Morton, K, Roberts, A, Rice, C, Williams, M & Yardley, L 2019, 'Combining qualitative research with PPI: reflections on using the person-based approach for developing behavioural interventions', <i>Research Involvement and Engagement</i> , vol. 5, no. 1, 34 (2019). https://doi.org/10.1186/s40900-019-0169-8	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Ainsworth, B, Greenwell, K, Stuart, B, Raftery, J, Mair, F, Bruton, A, Yardley, L & Thomas, M 2019, 'A feasibility trial of a digital self-management intervention 'My Breathing Matters' to improve asthma-related quality of life for UK primary care patients with asthma', <i>BMJ Open</i> , vol. 9, no. 11, e032465. https://doi.org/10.1136/bmjopen-2019-032465	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct-non-financial professional and personal	van Vugt, VA, van der Wouden, JC, Essery, R, Yardley, L, Twisk, JWR, van der Horst, HE & Maarsingh, OR 2019, 'Internet based vestibular rehabilitation with and without physiotherapy support for adults aged 50 and older with a chronic vestibular syndrome in general practice: three armed randomised controlled trial', <i>BMJ</i> , vol. 367, l5922. https://doi.org/10.1136/bmj.l5922	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	Rousseau, N, Turner, KM, Duncan, E, O'Cathain, A, Croot, L, Yardley, L & Hoddinott, P 2019, 'Attending to design when developing complex health interventions: a qualitative interview study with intervention developers and associated stakeholders', <i>PLoS ONE</i> , vol. 14, no. 10, pp. e0223615. https://doi.org/10.1371/journal.pone.0223615	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct-non-financial professional and personal	Bradbury, KJ, Steele, M, Corbett, T, Geraghty, AWA, Krusche, A, Heber, E, Easton, S, Cheetham-Blake, T, Slodkowska-Barabasz, J, Müller, AM, Smith, K, Wilde, LJ, Payne, L, Singh, K, Bacon, R, Burford, T, Summers, K, Turner, L, Richardson, A, Watson, E, Foster, C, Little, P & Yardley, L 2019, 'Developing a digital intervention for cancer survivors: An evidence, theory and person-based approach', <i>npj Digital Medicine</i> , vol. 2, 85 (2019). https://doi.org/10.1038/s41746-019-0163-4	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
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		Direct-non-financial professional and personal	Dack, C, Ross, J, Stevenson, F, Pal, K, Gubert, E, Michie, S, Yardley, L, Barnard, M, May, C, Farmer, A, Wood, B & Murray, E 2019, 'A digital self-management intervention for adults with type 2 diabetes: Combining theory, data and participatory design to develop HeLP-Diabetes', <i>Internet Interventions</i> , vol. 17, 100241. https://doi.org/10.1016/j.invent.2019.100241	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change but on the management of a condition.
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		Direct-non-financial professional and personal	Santillo, M, Sivyer, K, Krusche, A, Mowbray, F, Jones, N, Peto, TEA, Walker, AS, Llewelyn , MJ & Yardley, L 2019, 'Intervention planning for Antibiotic Review Kit (ARK): a digital and behavioural intervention to safely review and reduce antibiotic prescriptions in acute and general medicine', <i>Journal of Antimicrobial Chemotherapy</i> , vol. 74, no. 11, dkz333, pp. 3362-3370. https://doi.org/10.1093/jac/dkz333	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
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		Direct-non-financial professional and personal	Band, R, Ewings, S, Cheetham-Blake, T, Ellis, J, Breheny, K, Vassilev, I, Portillo, MC, Yardley, L, Blickem, C, Kandiyali, R, Culliford, D & Rogers, A 2019, 'Study protocol for 'The Project About Loneliness and Social networks (PALS)': a pragmatic, randomised trial comparing a facilitated social network intervention (Genie) with a wait-list control for lonely and socially isolated people', <i>BMJ Open</i> , vol. 9, no. 8, e028718. https://doi.org/10.1136/bmjopen-2018-028718	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct-non-financial professional and personal	O'Cathain, A, Croot, L, Duncan, E, Rousseau, N, Sworn, K, Turner, KM, Yardley, L & Hoddinott, P 2019, 'Guidance on how to develop complex interventions to improve health and healthcare', <i>BMJ Open</i> , vol. 9, e029954. https://doi.org/10.1136/bmjopen-2019-029954	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct-non-financial professional and personal	Arden-Close, E, Kirby, SE, Yardley, L, Bruton, A, Ainsworth, B & Thomas, DM 2019, 'Evaluation of a breathing retraining intervention to improve quality of life in asthma: quantitative process analysis of the BREATHE randomized controlled trial', <i>Clinical Rehabilitation</i> , vol. 33, no. 7, pp. 1139-1149. https://doi.org/10.1177/0269215519832942	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
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		Direct-non-financial professional and personal	Li, J, Parrott, S, Sweeting, M, Farmer, A, Ross, J, Dack, C, Pal, K, Yardley, L, Barnard, M, Hudda, M, Alkhalidi, G & Murray, E 2018, 'Cost-Effectiveness of Facilitated Access to a Self-Management Website, Compared to Usual Care, for Patients With Type 2 Diabetes (HeLP-Diabetes): Randomized Controlled Trial', <i>Journal of Medical Internet Research</i> , vol. 20, no. 6, e201. https://doi.org/10.2196/jmir.9256	2018	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: this is non-specific as it does not focus on a behaviour change but on the management of a condition.
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		Direct-non-financial professional and personal	Turner, K, Rousseau, N, Croot, E, Duncan, E, Yardley, L, O'Cathain, A & Hoddinott, P 2019, 'Understanding successful development of complex health and health care interventions and its drivers from the perspective of developers and wider stakeholders: an international qualitative interview study', <i>BMJ Open</i> , vol. 9, no. 5, e028756. https://doi.org/10.1136/bmjopen-2018-028756	2019	June 2020		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Rosie McEachan	Topic member	Direct – non-financial professional and personal	As part of the Born in Bradford Programme I am working on a research project to develop a BiBAPP to collect research calibre data from BiB cohort participants, and to allow BiB Participants to access their electronic health record. We are working with TPP to develop the App. To date we have conducted qualitative work into barriers and facilitators to using APP for research data collection. We plan to pilot the App in from January 2019.	June 2017	October 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific

		Direct – non-financial professional and personal	I am a non-executive director of the ‘in your backyard community interest company’. The not for profit company aims to encourage community led urban regeneration. I provide academic advice and expertise to the company via regular board meetings. This position is unpaid.	June 2017	October 2018		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
Stephen Sutton	Topic member	Direct-non-financial professional and personal	Naughton F, Jamison J, Boase S, Sloan M, Gilbert H, Prevost AT, Mason D, Smith S, Brimicombe J, Evans R, Sutton S. Randomized controlled trial to assess the short-term effectiveness of tailored web- and text-based facilitation of smoking cessation in primary care (iQuit in Practice). <i>Addiction</i> 2014;109:1184-93		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the evidence base for RQ1.
		Direct-non-financial professional and personal	Naughton F, Foster K, Emery J, Cooper S, Sutton S, Leonardi-Bee J, Jones M, Ussher M, Whitmore R, Leighton M, Montgomery A, Parrott S, Coleman T. Large multi-centre pilot randomized controlled trial testing a low-cost, tailored, self-help smoking cessation text message intervention for		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the evidence base for RQ1.

			pregnant smokers (MiQuit). Addiction, 2017, 112(7):1238-1249				
		Direct non-financial professional and personal and indirect-financial	<u>Research grants:</u> Sutton. <i>Scalable, low-cost interventions to support medication adherence in people prescribed treatment for hypertension in primary care. 60 months. £2,118,847. NIHR programme grant.</i>		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Direct non-financial professional and personal and indirect-financial	S. Sutton. <i>Feasibility of MAPS (Medication Adherence for Patient Support): A highly tailored text and voice messaging intervention to support medication adherence among patients with type 2 diabetes and/or hypertension in primary care. 30 months. £233,577. NIHR RfPB project grant.</i>		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
		Direct non-financial professional and personal and indirect-financial	S. Sutton. <i>A novel smartphone app for increasing medication adherence in patients prescribed antihypertensive medication in a community pharmacy setting: Randomised feasibility study. 24 months. £238,944. NIHR</i>		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

			RfPB project grant.				
		Direct non-financial professional and personal and indirect-financial	S. Sutton. <i>Improving quit rates among smokers in primary care: Pragmatic trial of effectiveness and cost-effectiveness of a tailored web- and text message-based intervention for smoking cessation. 48 months.</i> £411,970. Cancer Research UK Population Research Committee project grant.		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the evidence base for RQ1.
		Direct non-financial professional and personal and indirect-financial	T. Coleman. <i>The MiQuit study: RCT and meta-analysis testing effectiveness and cost effectiveness of a tailored text message programme for smoking cessation in pregnancy. 30 months.</i> £296,688. Cancer Research UK Population Research Committee project grant.		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper is included in the evidence base for RQ1.
		Direct non-financial professional and personal and indirect-financial	T. Coleman. <i>Improving effectiveness of nicotine replacement therapy for smoking cessation in pregnancy through better adherence and adequate dosing. 72 months.</i> £2,498,478. NIHR programme grant.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.

	Direct non-financial professional and personal and indirect-financial	F. Naughton. <i>Feasibility randomised controlled trial of a smoking cessation smartphone app that delivers 'context aware' behavioural support in real time</i> . 24 months. £356,131. NIHR Public Health Research Programme (PHR) project grant.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is specific but funding went to employer.
	Direct non-financial professional and personal and indirect-financial	T. Yates. <i>The PRomotion Of Physical activity through structured Education with differing Levels of ongoing Support for people with prediabetes (PROPELS)</i> . 72 months. £1,942,284. NIHR Health Technology Assessment (HTA). Trial grant.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and employer received funding.
	Direct-non-financial professional and personal	<u>Publications:</u> Naughton F, Jamison J, Boase S, Sloan M, Gilbert H, Prevost AT, Mason D, Smith S, Brimicombe J, Evans R, Sutton S . Randomized controlled trial to assess the short-term effectiveness of tailored web- and text-based facilitation of smoking cessation in primary care (iQuit in Practice). <i>Addiction</i> 2014;109:1184-93.		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1</i>. • Rationale: this paper is included in the evidence base for RQ1.
	Direct-non-financial	Mummah SA, King AC, Gardner CD, Sutton S . Iterative development of		June 2019		<ul style="list-style-type: none"> • Declare and participate

	professional and personal	Vegethon: a theory-based mobile app intervention to increase vegetable consumption. <i>International Journal of Behavioral Nutrition and Physical Activity</i> 2016;13:90.				<ul style="list-style-type: none"> Rationale: despite being a specific interest this study was excluded as it does not involve an outcome of interest.
	Direct-non-financial professional and personal	Mummah SA, Mathur M, King AC, Gardner CD, Sutton S . Mobile technology for vegetable consumption: A randomized controlled pilot study in overweight adults. <i>Journal of Medical Internet Research Mhealth Uhealth</i> 2016;4:e51.		June 2019		<ul style="list-style-type: none"> Declare and participate Rationale: despite this being a specific interest this study was excluded as the follow-up duration is outside of the study protocols.
	Direct-non-financial professional and personal	Mummah SA, Robinson TN, King AC, Gardner CD, Sutton S . IDEAS (Integrate, Design, Assess, and Share): A framework and toolkit of strategies for the development of more effective digital interventions to change health behaviour. <i>Journal of Medical Internet Research</i> 2016;18:e317.		June 2019		<ul style="list-style-type: none"> Declare and participate Rationale: despite being a specific interest this study was excluded as it does not involve an outcome of interest.
	Direct-non-financial professional and personal	Naughton F, Hopewell S, Lathia N, Schalbroeck R, Brown C, Mascolo C, McEwen A, Sutton S . A context-sensing mobile phone app (Q Sense) for smoking cessation: A mixed-methods study. <i>Journal of Medical Internet Research</i>		June 2019		<ul style="list-style-type: none"> Declare and participate Rationale: despite being a specific interest this study was not identified in the original search as

			<i>Mhealth Uhealth</i> 2016;4:e106.				the study type is outside of the study protocols.
	Direct-non-financial professional and personal		Naughton F, Riaz M, Sutton S . Response parameters for SMS text message assessments among pregnant and general smokers participating in SMS cessation trials. <i>Nicotine & Tobacco Research</i> 2016;18:1210-4.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was excluded due to study design.
	Direct-non-financial professional and personal		Gilbert H, Sutton S , Morris R, Petersen I, Galton S, Wu Q, Parrott S, Nazareth I. Effectiveness of personalised risk information and taster sessions to increase the uptake of smoking cessation services (Start2quit): randomised controlled trial. <i>Lancet</i> 2017;389:823-33.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was not identified in the original search as it does not contain any terms from the digital/mobile intervention data set
	Direct-non-financial professional and personal		Gilbert H, Sutton S , Morris R, Petersen I, Wu Q, Parrott S, Galton S, Kale D, Magee MS, Gardner L, Nazareth I. Start2quit: a randomised clinical controlled trial to evaluate the effectiveness and cost-effectiveness of using personal tailored risk information and taster sessions to increase the		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was excluded as it does not contain a relevant intervention.

			uptake of the NHS Stop Smoking Services. <i>Health Technology Assessment</i> 2017;21:1-206.				
		Direct-non-financial professional and personal	Kassavou K, Sutton S . Reasons for non-adherence to cardiometabolic medications, and acceptability of an interactive voice response intervention in patients with hypertension and type 2 diabetes in primary care: a qualitative study. <i>BMJ Open</i> 2017;7:e015597.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as medication adherence is out of scope.
		Direct-non-financial professional and personal	Mumma S, Robinson TN, Mathur M, Farzinkhou S, Sutton S , Gardner CD. Effect of a mobile app intervention on vegetable consumption in overweight adults: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> 2017;14:125..		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite this being a specific interest this study was excluded as the follow-up duration was outside of the study protocols.
		Direct-non-financial professional and personal	Naughton F, Cooper S, Foster K, Emery J, Leonardi-Bee J, Sutton S , Jones M, Ussher M, Whitmore R, Leighton M, Montgomery A, Parrott S, Coleman T. Large multi-centre pilot randomized controlled trial testing a low-		June 2019		<ul style="list-style-type: none"> • Declare and participate - <i>in discussion but will withdraw for recommendation drafting for RQ1.</i> • Rationale: this paper

			cost, tailored, self-help smoking cessation text message intervention for pregnant smokers (MiQuit). <i>Addiction</i> 2017;112:1238-49.				is included in the evidence base for RQ1.
		Direct-non-financial professional and personal	Emery JL, Coleman T, Sutton S , Cooper S, Leonardi-Bee J, Jones M, Naughton F. Uptake of tailored, text message, smoking cessation support in pregnancy when advertised on the Internet (MiQuit): Observational study. <i>Journal of Medical Internet Research</i> 2018;20:e146.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was excluded due to study type.
		Direct-non-financial professional and personal	Kassavou K, Sutton S . Automated telecommunication interventions to promote adherence to cardio-metabolic medications: Meta-analysis of effectiveness and meta-regression of behaviour change techniques. <i>Health Psychology Review</i> 2018;12:25-42.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as medication adherence is out of scope.
		Direct-non-financial professional and personal	Tsoli S, Sutton S , Kassavou A. Interactive voice response interventions targeting behaviour change: a systematic literature review with meta-analysis and meta-regression. <i>BMJ Open</i>		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study did not fit the protocols

			2018;8:e018974.				for this guideline.
		Direct-non-financial professional and personal	Wu Q, Gilbert H, Nazareth I, Sutton S , Morris R, Petersen I, Galton S, Parrott S. Cost-effectiveness of personal tailored risk information and taster sessions to increase the uptake of the NHS stop smoking services: the Start2quit randomized controlled trial. <i>Addiction</i> 2018;113:708-18.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific.
		Direct-non-financial professional and personal	Kassavou A, Houghton V, Edwards S, Brimicombe J, Sutton S . Development and piloting of a highly tailored digital intervention to support adherence to antihypertensive medications as an adjunct to primary care consultations. <i>BMJ Open</i> 2019;9:e024121.		June 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as medication adherence is out of scope.
Ysabella Rozetta-Hawkings	Topic member	N/A	None declared		October 2018		N/A
Tim Chadborn	PHE Topic Adviser	Indirect	PHE has a strategic objective to strengthen the public health system through 'Predictive Prevention'. The ambition is 'to help provide people, particularly among vulnerable and disadvantaged groups, with personalised public health	September 2019	October 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: organisational interest declared on behalf of Public Health England in the interests of

			<p>interventions that empower them to take greater control of their health and prevent avoidable illness'. The aims are:</p> <ul style="list-style-type: none"> • 'contribute to the Government's aim in the Industrial Strategy to use data, artificial intelligence and innovation to transform the prevention, early diagnosis and treatment of chronic diseases by 2030'. • an increased understanding among the public of health risks and options for preventative action • expanded access to evidence-based digital interventions to enable people to identify and address their health issues as early as possible • increased capabilities to connect lifestyle, health 				transparency.
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			<p>and environmental data for individuals at scale'</p> <p>The approach is to:</p> <p>'collaborate closely with NHSX to develop our predictive prevention programme, engaging with the health tech industry and academia to promote innovation across the system. We will work with partners to ensure that the needs of people in disadvantaged and vulnerable groups are reflected in our priorities and the design and delivery of our products and services. We will:</p> <ul style="list-style-type: none"> • use user-centric design approaches to create new digital products and services that support people to identify and reduce risks to their health • conduct and publish evaluations of products and services and engage with external research to establish 				
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			<p>and expand the evidence base on what works</p> <ul style="list-style-type: none"> • develop and apply models of 'dynamic consent' that ensure that people understand and retain control over how their personal information is used • draw on the latest behavioural science to develop approaches to communicating personal health risks that motivate people to take action and adopt healthy behaviours'. 				
		Indirect – financial	<p>My team received a consultancy fee from a local authority to advise on referral from their face-to-face NHS Health Check into digital lifestyle services. A form was designed to help people prioritise a behaviour change and signpost them to the digital service that would support this change.</p>	August 2018	November 2018 <i>(updated April 2019)</i>	November 2018	<ul style="list-style-type: none"> • Declare and participate • Rationale: this is part of the member's salaried position and payment went to employer.
		Direct - financial	<p>Professional advice and commissioned consultancy from London borough on behalf of London CCGs and LAs to advise on Good-</p>	April 2017	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as mental wellbeing is

			Thinking – a platform to support mental wellbeing				out of scope
		Direct – non-financial professional and personal	Digital development (discovery and alpha) with PHE for weight management and NHS Health Checks/CVD	November 2017	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this is part of the member's salaried position.
		Direct – non-financial professional and personal	Association with the digital assessment questionnaire and NHS app endorsement process	April 2016	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	Draft of a checklist for PHE to embed behavioural science in digital intervention development	October 2016	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Direct – non-financial professional and personal	PhD supervisor about how people select apps online and how we can help them	June 2016	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific
		Indirect– non-financial professional and personal	Close association with PHE-developed digital tools such as Active 10. A member of my team provided advice on functionality and content of	May 2016	November 2018	Ongoing	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is

			this app. No payment was involved.				specific but the member was not directly involved and does not stand to gain financially.
Katherine Brown	Expert Witness	Direct-non-financial professional and personal	Providing evidence to the PHAC is potentially of professional benefit to me where such evidence may be included in NICE guidance.		September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: accepted as their expertise in this area is vital to the committee's discussion. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	I am a member of the Behavioural Science and Public Health Network and a committee member with responsibility for the network publication – the network promotes use of behavioral science evidence in public health policy-making, commissioning and practice.	December 2017	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.

		Direct-non-financial professional and personal	I have published work in the field of digital health behaviour change development and evaluation relevant to public health issues over a number of years and therefore have a vested interest in seeing this research applied to address public health challenges.	2007	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
Beth Bell	Expert Witness	Direct-non-financial professional and personal	Professional reputation – I am actively involved in researching the potential negative consequences of health and fitness –related technologies.		September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: accepted as their expertise in this area is vital to the committee’s discussion. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Indirect – non-financial professional and personal	Currently I am employed by York St John University as a Senior Lecturer in Psychology. The institution may gain reputational benefits as a result of my inclusion in this group.	01/08/2013	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is indirect and accepted as their expertise in this area is vital to the committee’s

							discussion. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Indirect-financial and direct-non-financial professional and personal	Co-Investigator of “Eating Disorders in the Digital Age: Considering the Safety Measures Required to Prevent the Abuse of Healthy Eating and Fitness Applications amongst Young People” research project funded by the ESPRC-NIHR New Minds funded stream (NMP R119823/FS/6). Funding went to my employer.	31/05/2017	September 2019	01/08/2018	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and funding went to employer. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	Author of research that is relevant to the NICE advisory committee and may be submitted as evidence. Namely: Bell, B. T., Deighton-Smith, N., & Hurst, M. (2019). ‘When you think of exercising, you don’t really want to think of puking, tears, and pain’: Young adolescents’	13/01/2017	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.

			understanding of fitness and# fitspiration. <i>Journal of health psychology</i> , 1359105319869798.				
		Direct-non- financial professional and personal	Deighton-Smith, N., & Bell, B. T. (2018). Objectifying fitness: A content and thematic analysis of# fitspiration images on social media. <i>Psychology of Popular Media Culture</i> , 7(4), 467.	13/01/201 7	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest this study was excluded from the evidence base due to study type. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non- financial professional and personal	Honary, M., Bell, B. T., Clinch, S., Wild, S. E., & McNaney, R. (2019). Understanding the Role of Healthy Eating and Fitness Mobile Apps in the Formation of Maladaptive Eating and Exercise Behaviors in Young People. <i>JMIR mHealth and uHealth</i> , 7(6), e14239.	13/01/201 7	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.

Colin Espie	Expert Witness	Direct-financial	I am a co-founder of Big Health, a digital therapeutics company with HQ in San Francisco and an office in London (https://www.bighealth.com/). I am a shareholder in the company and receive salary as Chief Medical Officer, a part-time role.	2006	September 2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: the witness does not stand to gain financially as this guideline will not recommend specific interventions. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	Professor of Sleep Medicine, University of Oxford (https://www.ndcn.ox.ac.uk/team/colin-espie). We have conducted and published research of digital therapeutic interventions for insomnia and teach our online Masters programme in Sleep Medicine with the aid of technology	2013	September 2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	I serve as Chair of the Clinical Guideline Group of Digital Therapeutics Alliance (https://www.dtxalliance.org/about-dta/). The DTA is an	2018	September 2019	<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the

			industry body that agrees and recommends standards of scientific practice for the industry. This is not a remunerated role, and the DTA is a .org not a .com organization. The DTA has some 30 affiliated companies.				witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
Gavin Doherty	Expert Witness	Direct-financial	<p>Founder/Shareholder, User Experience Consultant, SilverCloud Health Ltd.</p> <p>SilverCloud Health operates in the space of human supported online mental health interventions.</p>	2012	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific as human supported interventions are out of scope. The witness does not stand to gain financially as this guideline will not recommend specific interventions. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	Associate Professor, School of Computer Science and Statistics, Trinity College Dublin.	2001	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite

			In this capacity I conduct research on the design of technologies to support healthcare delivery, particularly mental health.				being a specific interest the witness is providing expert advice to the committee and will not be contributing to decision making. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
Michael Trenell	Expert Witness	Direct-financial	I am a founder and Chairman of Changing Health, a digital health company spun out of Newcastle University / Newcastle Hospitals NHS Foundation Trust from my NIHR / MRC funded research. Changing Health provides digital services (lifestyle support) for people with long term conditions, including type 2 diabetes.	December 2015	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: despite being a specific interest the witness does not stand to gain financially as this guideline will not recommend specific interventions. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Indirect-financial	I am a member of the Diabetes UK research	October	September		<ul style="list-style-type: none"> • Declare and participate

			funding committee.	2018	2019		<ul style="list-style-type: none"> Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Indirect-financial	I have received funding from the NIHR to establish and run the NIHR Innovation Observatory, a horizon scanning team working with the DHSC, NICE, OLS, Industry and the NHS. Funding goes directly to the University.	April 2017	September 2019		<ul style="list-style-type: none"> Declare and participate Rationale: interest is non-specific and employer receives funding. The witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.

		Direct-non-financial professional and personal	Member of the Government Office for Strategic Coordination of Healthcare Research National bioinformatics strategy board member.	July 2018	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	Member of the EPSRC Healthcare Technology Strategic Advisory Team	December 2016	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation drafting or decision making.
		Direct-non-financial professional and personal	I chair the external advisory committee for the Bristol University Digital Health Doctoral Training Centre.	January 2019	September 2019		<ul style="list-style-type: none"> • Declare and participate • Rationale: interest is non-specific and the witness is providing expert advice to the committee and will not be contributing to recommendation

							drafting or decision making.
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GUIDANCE NOTES FOR COMPLETION OF THE INTERESTS REGISTER

Relevant dates: Detail here the date the interest arose, the date it was first declared and when it ceased, if applicable. For example, if an individual has ceased to hold shares or undertake relevant private practice.

Date last reviewed: 20/08/2020