

<b>Interests Register</b>							<b>Register last updated: 11/02/2020</b>	
<b>Advisory Committee: PHAC D Managing Common Infections</b>								
<b>Guideline: Leg ulcer infection: antimicrobial prescribing</b>								
<b>Name</b>	<b>Role with NICE</b>	<b>Type of interest</b>	<b>Description of interest</b>	<b>Relevant dates</b>			<b>Comments</b>	
				<b>Interest arose</b>	<b>Interest declared</b>	<b>Interest ceased</b>		
Chris Barraclough	PHAC D Advisory Committee Topic Expert Member	Direct - non-financial professional and personal	None	N/A	03.01.19	N/A	N/A	
Sheila Burston	PHAC D Advisory Committee Topic Expert Lay Member	Direct - financial/non-financial Indirect interests	None	N/A	19.01.19	N/A	N/A	
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - financial/non-financial Indirect interests	2020-: 'Clinical and decontamination potential of electrolysed water'. Several projects examining the effects of electrolysed water as a disinfectant (C.difficile; norovirus) and as a wound irrigant (diabetic feet) in NHS Lanarkshire. Funding £50k+. Funding body: Aqualution Ltd., Scotland. Study ongoing.	2020	28.01.20	Ongoing	Declare and participate.	
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - financial/non-financial Indirect interests	Awarded Fellowship of the International Society of Antimicrobial Chemotherapy (FISAC)	2019	28.01.20	Ongoing	Declare and participate.	

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - financial/non-financial Indirect interests	Current Editor for International Journal of Antimicrobial Chemotherapy	2019	28.01.20	Ongoing	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - financial/non-financial Indirect interests	Current Editor for Infection, Disease & Health	2020	28.01.20	Ongoing	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Int Soc Chemother Working Group: 'PVL-producing Staphylococcus aureus (MSSA and MRSA)'. (2018) Int J Antimicrob Agents.	2017	15.02.19	2018	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Parsonage BC, Hagglund P, Keogh L, Mitchell C, Wheelhouse N, Brown R, Dancer SJ. (2017) 'Control of antimicrobial resistance requires ethical consideration'. Review, Frontiers in Microbiology 8: 2124.	2015	15.02.19	2017	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ. (2016) 'Antibiotic prescribing: the consequences of getting it wrong'. Clinical Focus-Primary Care 10(2): 62-71.	2015	15.02.19	2016	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ. (2015) 'Re: Speeding new antibiotics to market: a fake fix?' BMJ Rapid Response. BMJ 350: h1453. Available at: <a href="http://www.bmj.com/content/350/bmj.h1453/rapid-responses">http://www.bmj.com/content/350/bmj.h1453/rapid-responses</a>	2015	15.02.19	2015	Declare and participate.

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ, Varon-Lopez C, Moncayo O, Elston A, Humphreys H. (2015) 'Centralisation of microbiology services: a step too far'. Opinion review, J Hosp Infect 91(4): 292-8.	2014	08.03.19	2015	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Al-Tawfiq JA, Momattin H, Al-Habboubi F, Dancer SJ. (2014) 'Restrictive reporting of antimicrobial susceptibilities influences clinical prescribing'. J Infect Public Health 8(3): 234-41.	2013	15.02.19	2014	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ. (2014) Editor for E-book, 'Staphylococcus aureus & antibiotic resistance', Expert Review Future Science Group. Available at: <a href="http://www.futuremedicine.com/doi/bo ok/10.2217/9781780843698">http://www.futuremedicine.com/doi/bo ok/10.2217/9781780843698</a>	2014	08.03.19	2014	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ, Kirkpatrick P, Corcoran DS, et al. (2012) 'Approaching Zero: Temporal effects of a restrictive antibiotic policy on hospital-acquired Clostridium difficile, ESBL-producing coliforms and MRSA'. Int J Antimicrob Agents 41: 137-42.	2008	15.02.19	2012	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ & Seaton RA. (2012) 'Problem Solving in Infection'. Book. Editor and contributor (three chapters). (Highly Commended, 2012 BMA Medical Book Awards: Public health category)	2005	08.03.19	2012	Declare and participate.

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2008) 'The effects of antibiotics on MRSA'. J Antimicrob Chemother 61: 246-253.	2007	15.02.19	2008	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Hamouda A, Vali L, Alsultan A, Dancer SJ, Amyes SG. (2008). 'First report of ciprofloxacin resistance among clinical isolates of Klebsiella pneumoniae harbouring the qnrA gene and producing SHV-5 extended-spectrum b-lactamase in Scotland'. J Chemother 20: 753-5.	2008	08.03.19	2008	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2007) 'Attention prescribers! Be careful with antibiotics'. Invited comment, The Lancet, 9th February.	2007	08.03.19	2007	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2007) 'Consequences of antimicrobial chemotherapy: overgrowth, resistance and virulence', book chapter, 'Antibiotic Policies: Fighting Resistance', Springer US.	2005	08.03.19	2007	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Nathwani D, on behalf of Scottish Medicines SEHD HAI Task Force (2006). 'Antimicrobial prescribing policy & practice in Scotland: recommendations for good antimicrobial practice in acute hospitals.' J Antimicrob Chem 57:1189-96.	2004	15.02.19	2006	Declare and participate.

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Carey B, Dancer SJ (2006) 'Reversing meticillin resistance in MRSA using a Bacterial Transforming Agent', J Antimicrob Chemother 58: 455-7.	2005	08.03.19	2006	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Coyne MJ, Dancer SJ, Morrison D, Clarke S, Edwards G. (2006) 'Scottish Participation in a European Antimicrobial Resistance Surveillance System: First Complete Report'. Health Protection Scotland.	2002	08.03.19	2006	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ, Coyne M, Robertson C, Thomson A, Guleri A, Alcock S (2006) 'Environmental organisms from hospital wards with differing antibiotic exposure'. Journal of Hospital Infection 62: 200-6.	2003	08.03.19	2006	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Davenport LA & BSAC Working Party (2005) 'An outcome-based approach for teaching prudent antimicrobial prescribing to undergraduate medical students: report of a Working Party of the British Society for Antimicrobial Chemotherapy'. J Antimicrob Chemother 56: 196-203.	2003	15.02.19	2005	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2004) 'How antibiotics can make us sick.' Review of the lesser-known adverse effects of antibiotic chemotherapy; Lancet Infect Dis 4: 611-9.	2002	15.02.19	2004	Declare and participate.

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2003) Letter, 'Inappropriate antimicrobial prescribing'. Rapid response, British Medical Journal; www.bmj.com; 24th Dec, 2003.	2003	15.02.19	2003	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2003) Letter, 'The dangers of broad spectrum antibiotics'. Rapid response, British Medical Journal; www.bmj.com; 27th May, 2003.	200	15.02.19	2003	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ, Robb A, Crawford A, Morrison D (2003) 'Oral streptogramins in the management of patients with MRSA infections.' J Antimicrob Chemother 51: 731-5.	1998	15.02.19	2003	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer SJ (2003) Letter, 'Glycopeptide-resistance in Staphylococcus aureus.' Journal of Antimicrobial Chemotherapy 51:1309-11.	2003	08.03.19	2003	Declare and participate at the chair's discretion.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Nathwani D, et al. (2003). 'Good Practice Guidance for Antibiotic Prescribing in Hospital', national working group guidance, J Royal College Phys Edinburgh; 33: 281-4.	2002	08.03.19	2003	Declare and participate.
Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer S J (2001) 'The Problem with Cephalosporins'. J Antimicrob Chemother 48: 463-78.	1999	15.02.19	2001	Declare and participate at the chair's discretion.

Stephanie Dancer	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Dancer S J (1996) 'Guidelines for prevention of infection in hyposplenic patients'. Prescrib Bull No 41: 1996, Argyll & Clyde Health Board.	1996	08.03.19	1996	Declare and participate.
Kieran Hand	PHAC D Advisory Committee Member	Direct - financial	Advisory board honorarium from Merck Sharp & Dohme pharmaceuticals (manufacturers of antibiotics ceftolozane-tazobactam, daptomycin, ertapenem and tedezolid)	Oct-18	12.11.18	Nov-18	Full exclusion from all relevant parts of committee meetings
Kieran Hand	PHAC D Advisory Committee Member	Direct - financial	Speaker honorarium from Merck Sharp & Dohme pharmaceuticals (manufacturers of antibiotics ceftolozane-tazobactam, daptomycin, ertapenem and tedezolid)	Oct-18	12.11.18	Nov-18	Full exclusion from all relevant parts of committee meetings
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Telephone consultancy with Menarini pharmaceuticals (antibiotic in development: delafloxacin) Fee paid to NHS employer.	10.05.18	20.06.18	10.05.18	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Speaking at Federation of Infection Societies annual conference on the NICE guideline on Sore Throat	Nov-18	12.11.18	Nov-18	Declare and participate
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Sponsored to attend European Congress on Clinical Microbiology and Infectious Diseases (ECCMID) conference in Madrid, Spain. Registration, flight and hotel costs paid by Eumedica Pharmaceuticals (manufacturers of antibiotic temocillin).	21.04.18	27.04.17	21.04.18	Declare and participate at the chair's discretion

Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Attended evening meal at ECCMID conference paid for by MSD pharmaceuticals.	23.04.18	09.05.18	23.04.18	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research grant of £110,000 (unrestricted) from Merck Sharp & Dohme pharmaceuticals to evaluate the MicroGuide smartphone application.	Oct-17	16.11.17	Mar-19	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Indirect	Royalty contract between employer NHS Foundation Trust and software developer Horizon Strategic Partners with respect to MicroGuide smartphone application for antimicrobial guidelines (decision-support module only)	Apr-15	24.10.16	Ongoing	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Indirect	Sponsorship from Astellas Pharma of employer NHS Foundation Trust promotional activities around European Antibiotic Awareness Day	Nov-17	24.10.16	Nov-17	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of Department of Health scientific advisory committee for antimicrobial resistance and healthcare-associated infection (ARHAI)	Dec-16	24.10.16	Ongoing	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of antimicrobial expert advisory group of Royal Pharmaceutical Society	Dec-16	24.10.16	Ongoing	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of UK Clinical Pharmacy Association's Pharmacy Infection Network	Dec-16	24.10.16	Ongoing	Declare and participate at the chair's discretion



Kieran Hand	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of the Guild of Healthcare Pharmacists within Unite Union	Dec-16	24.10.16	Ongoing	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of the APRHAI (Antimicrobial Prescribing and Resistance, and Healthcare Associated Infections) Government Advisory Committee.	2013	18.05.17	Sep-18	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	University academic who has published extensively in the field, could be perceived as having an interest in seeing work cited in the NICE guideline. However, primary interest is to promote the safe, effective and judicious use of antibiotics in order to preserve their effectiveness for future generations	1997	12.11.16	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to published papers.
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Costelloe C, Metcalfe C, Lovering A, Mant D and Hay AD. Effect of antibiotic prescribing in primary care on antimicrobial resistance in individual patients: systematic review and meta-analysis. BMJ 2010;340(may18_2):c2096; doi: 10.1136/bmj.c2096.	2005	25.06.18	18.05.10	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Indirect	Attended meeting convened by Pfizer to discuss research projects looking to establish the community burden of vaccine preventable illness. No payment or contracting at present (Mar 2019)	Jan-19	20.03.19	Ongoing	Declare and participate at the chair's discretion

Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Invited to write an editorial by the BMJ which commented on two studies; concerning antibiotic management in UTI (doi:10.1136/bmj.l525) and duration of antibiotic treatment (doi.org/10.1136/bmj.l440)	Jan-19	20.03.19	Mar-19	Declare and participate at the chair's discretion
Ian Hill-Smith	PHAC D Advisory Committee Member	Direct - financial	Potential increase in income from own educational courses and publications, should professional standing and reputation improve as a result of working with NICE.	02.03.18	12.05.18	Ongoing	Declare and participate ensuring specific interests are declared as they arise whilst taking advice from NICE as necessary
Ian Hill-Smith	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Director of the National Minor Illness Centre	02.03.18	22.01.18	Ongoing	Declare and participate at the chair's discretion
Ian Hill-Smith	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	One of the authors of The Minor Illness Manual. Fifth edition published 21 November 2018.	02.03.18	12.05.18	21.11.18	Declare and participate at the chair's discretion

Ian Hill-Smith	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	One of two authors of Little Book of Red Flags which is about diagnosis in primary care, focusing on how to recognise the symptoms of serious disease. Treatment is not covered except by way of explanation of the need for referral. For example, certain people with shingles benefit from antiviral medication and this affects why a person may need to be referred from community pharmacy to their GP. No specific prescribed medicines are mentioned. A few over-the-counter treatments are mentioned with regards to their effectiveness, in so far as whether this would affect whether referral is needed or not (e.g. Vicks Vaporub®, Metanium®, Bepanthen®)	18.11.18	16.01.19	05.02.19	Declare and participate at the chair's discretion
Susan Hopkins	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Duration of antibiotic treatment for common infections in English primary care: cross sectional analysis and comparison with guidelines BMJ 2019; 364 doi: <a href="https://doi.org/10.1136/bmj.l440">https://doi.org/10.1136/bmj.l440</a>		31.01.19	27.02.19	Declare and participate at the chair's discretion
Susan Hopkins	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Ho-Kwong Li, Ines Rombach, Rhea Zambellas et al, Oral versus Intravenous Antibiotics for Bone and Joint Infection, 31.01.19, N Engl J Med 2019; 380:425-436, DOI: 10.1056/NEJMoa1710926		31.01.19	31.01.19	Declare and participate at the chair's discretion

Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	President of British Society of Antimicrobial Chemotherapy. BSAC provides free education and research funding on the responsible use of antibiotics to healthcare professionals, public and Parliamentarians within its charitable goals at a global level. Part of BSAC's income is from the pharmaceutical and diagnostics industry through unrestricted education grants. All financial elements dealt with by CEO and Treasurer.	Apr-18	31.05.19	Ongoing	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Royal Pharmaceutical Society Antimicrobial Expert Advisory Board. Provide advice to RPS about AMR and antimicrobial stewardship. Occasional spokesperson.	2016	31.05.19	Ongoing	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	National AMR project lead for NHS-Improvement secondment.	Nov-14	31.05.19	Mar-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	UKCPA Trustee & Pharmacy Infection Network Committee member. Professional network of hospital pharmacists working in AMS.	2002	31.05.19	ongoing	Declare and participate.

Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	University academic & clinical pharmacist who has published extensively in the field, could be perceived as having an interest in seeing work cited in the NICE guideline. However, primary interest is to promote the safe, effective and judicious use of antibiotics in order to preserve their effectiveness for future generations	2009	31.05.19	ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to published papers.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	European Society of Clinical Microbiology and Infectious Diseases AMS Group committee member	2016	31.05.19	Ongoing	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Spoke at a Pfizer sponsored panel on antibiotic delinkage at RCP conference. No fee or travel expenses. (Fellow panel included NICE Economist).	Apr-19	31.05.19	Apr-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	HEE AMR grant to test an Antibiotic checklist in community pharmacy.	Nov-19	31.05.19	Ongoing	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	NIHR-PGfR (Ref number RP-PG-1214-20007) Grant for Penicillin allergy status and its effect on antimicrobial prescribing, patient outcomes, and antimicrobial resistance. Short title: ALABAMA: Allergy, Antibiotics and Microbial Resistance. Co-applicant	2015	31.05.19	2020	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory	Direct - non-financial	Talk at IAMMAC conference in Moscow for BSAC on antibiotic education	May-19	31.05.19	May-19	Declare and participate.

	Committee Member	professional and personal					
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Talk at Royal Cornwall Hospital on One Health antibiotic use	May-19	31.05.19	May-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Talk on human AMR at British Society of Animal science	Apr-19	31.05.19	Apr-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Sat on vaccination discussion panel at Economist AMR event	Mar-19	31.05.19	Mar-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Antimicrobial stewardship – everybody’s business. Isle of Man IPC conference.	Feb-19	31.05.19	Feb-19	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	BSAC AMS education activities. HEE AMR Conference. London	Dec-18	31.05.19	Dec-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Webinar for Romanian Schools of Pharmacy on Antimicrobial Stewardship.	Dec-18	31.05.19	Dec-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Achievement and experience in combatting AMR in UK. Ukrainian 1st international AMR conference. Ukraine	Nov-18	31.05.19	Nov-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	What’s the value in measuring antimicrobial consumption at a OneHealth level. OneHealth AMR conference. London	Oct-18.	31.05.19	Oct-18.	Declare and participate.

Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Antimicrobial Stewardship. Romanian Hospital Pharmacy Association. Bucharest.	Sep-18	31.05.19	Sep-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Update on progress on AMR in England. AMR Insight. Dublin.	Jun-18	31.05.19	Jun-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	WHO EML AWaRe at Wales AMS Forum. Cardiff.	May-18	31.05.19	May-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Role of the Pharmacist in AMR (for FIP). Panel at World Forum on Public Health Associations. Geneva.	May-18	31.05.19	May-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	South West AMS Group. Merging sepsis with AMS. Taunton.	May-18	31.05.19	May-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Talk on AMR progress. Microbes Den. MSD AMR conference. London.	May-18	31.05.19	May-18	Declare and participate.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Sandoe et al. JAC 2019. "Warning: allergic to penicillin:" Association between penicillin allergy status in 2.3 million NHS general practice electronic records, antibiotic prescribing, and health outcomes.	Mar-19	31.05.19	Mar-19	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	NIHR BATCH study (procalcitonin in children)	2018	31.05.19	2021	Declare and participate at the chair's discretion.

Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research paper. Limmathurotsakal et al. JAC 2019. Antibiotic footprint: a communication tool to aid reduction of antimicrobial reduction.	Apr-19	31.05.19	Apr-19	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research paper: Thornley et al. JAC 2019 Antimicrobial use in long term facilities – the results of a point prevalence study.	Apr-19	31.05.19	Apr-19	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research paper: Hood et al. Measuring Appropriate Antibiotic Prescribing in Acute Hospitals: Development of a National Audit Tool Through a Delphi Consensus	Apr-19	31.05.19	Apr-19	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research paper. Thornley et al. 2019. JAntimicrobChemother Antibiotic prescribing for residents in long-term-care facilities across the UK	Jan-19	31.05.19	Jan-19	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Research paper Beovic et al. 2018. IntJAntimicrobAgents Legal framework of antimicrobial stewardship in hospitals (LEASH): a European Society of Clinical Microbiology and Infectious Diseases (ESCMID) cross-sectional international survey	2018	31.05.19	2018	Declare and participate at the chair's discretion.
Philip Howard	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Islam, J et al 2018. A national quality incentive scheme to reduce antibiotic overuse in hospitals; evaluation of perceptions and impact. J Antimicrob Chemother	2018	31.05.19	2018	Declare and participate at the chair's discretion.
Amelia Joseph	PHAC D Advisory	Direct - financial/non-financial	None	N/A	04.06.19	N/A	N/A



	Committee Member	Indirect interests					
Marisa Lanzman	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Member of the UK Clinical Pharmacist Association – Pharmacy Infection Network Committee which organises an annual conference with some sponsorship from a number of pharmaceutical companies	15.08.18	22.07.19	Ongoing	Declare and participate at the chair's discretion.
Tessa Lewis	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Medical Advisor role currently involving advice to Welsh Government Demonstrating Quality Workstream. Leading proposal to support primary care clusters review the diagnosis and management of adults with suspected urinary tract infection. Travel and sessional expenses reimbursed.	Sep-18	14.12.18	Apr-19	Declare and participate
Paddy McMaster	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Principal investigator for BATCH study (procalcitonin)	22.07.19	23.07.19	Ongoing	Declare and participate at the chair's discretion.
Paddy McMaster	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Lead editor for North West Paediatric Antimicrobial Guidelines: input from both groups relevant to each other	2011	18.06.19	Ongoing	Declare and participate.
Paddy McMaster	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	Membership of UK Paediatric Antimicrobial Stewardship (UK-PAS) Network	30.08.19	30.08.19	Ongoing	Declare and participate.

Paddy McMaster	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	UK and Ireland Good Practice Recommendations for improving antimicrobial stewardship and promoting safe ambulation of children presenting with common infections to secondary care hospitals. Contributing towards writing antimicrobial stewardship guidance.	30.08.19	30.08.19	Ongoing	Declare and participate.
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Observer on BSAC Council	2009	07.10.16	Oct-18	Declare and participate at the chair's discretion
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	European Centre for Disease Prevention and Control expert advisor on Antimicrobial Stewardship	2008	01.05.18	Ongoing	Declare and participate at the chair's discretion
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of ESPAUR and PHE AMR Programme Board	2015	07.10.16	Ongoing	Declare and participate at the chair's discretion
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Member of UK Diagnostic Stewardship Collaborative	2017	01.05.18	Ongoing	Declare and participate
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Leads the development of national Public Health England antibiotic and lab use guidance for GPs which covers the diagnosis and treatment of infections	1998	07.10.16	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.

Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Has received grants from several publically funded research bodies	1986	07.10.16	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Lead in the development of TARGET and promotes the TARGET resources hosted by the RCGP which encourages appropriate antibiotic use	2009	07.10.16	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Leads the e-Bug project	1998	01.02.17	Ongoing	Declare and participate at the chair's discretion
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Co-authored papers on the feverPAIN score in general practice – lead author Paul Little	2008	18.05.17	2013	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Has spoken at antimicrobial resistance symposiums sponsored by public bodies	1998	07.10.16	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to published papers.

Clodna McNulty	PHAC D Advisory Committee Member	Indirect	R.S. Howell-Jones, I.B. Baker, C.A.M. McNulty. Microbial investigation of venous leg ulcers. Journal of Wound Care, 2008 Aug; 17 (8):353-8. DOI: 10.12968/jowc.2008.17.8.30799	2008	05.03.19	2013	Declare and participate
Albany Meikle	Technical Analyst, NICE	Indirect	Father employed by and holds shares in pharmaceutical company F. Hoffmann-La Roche	19.09.16	01.06.18	N/A	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
John Morris	PHAC D Advisory Committee Member	Direct - financial	Commissioned to write Scottish Handbook of Inherited Bleeding Disorders for Haemophilia Scotland	26.09.16	18.06.17	Ongoing	Declare and participate
John Morris	PHAC D Advisory Committee Member	Direct - financial	Lay member of NICE Technology Appraisals Appeals Committee	05.09.11	19.08.17	Ongoing	Declare and participate
John Morris	PHAC D Advisory Committee Member	Direct - financial	Attendance at Preserving Antibiotics through Safe Stewardship Primary Care stakeholders' workshop, 19 Nov 2019 (honorarium paid)	24.10.19	30.10.19	19.11.20	Declare and participate.
Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Co-hosted 'Infection During Pregnancy' training day in personal capacity and received financial benefit. (March 2018)	08.03.18	10.05.18	08.03.18	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.

Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Biofire- Lecture presentation at European Users Group Meeting, Portugal. Received financial assistance with travel and accommodation (booked by Biofire) and honorarium paid to Birmingham Women's and Children's Hospital Charities on my behalf.	21.03.18	10.05.18	24.03.18	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	The Worldwide Antibiotic Resistance and Prescribing in European Children (ARPEC) point prevalence survey: developing hospital-quality indicators of antibiotic prescribing for children Ann Versporten <sup>1</sup> , Julia Bielicki <sup>2</sup> , Nico Drapier <sup>1</sup> , Mike Sharland <sup>2</sup> and Herman Goossens <sup>1*</sup> on behalf of the ARPEC project group†. Co-author.	Jan-14	31.01.17	Jan-16	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Chair- West Midlands Infection Group. Three scientific and business meetings per year sponsored by various pharmaceutical companies involved in business of antibiotics. All funds go to WMIG bank account. No personal financial benefits received.	Since 2016	09.11.18	Ongoing	Declare and participate at the chair's discretion
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Poster accepted at Federation of Infection Societies 2018 Conference on Effect on Pre-admission antibiotics and its implication on outcome in cases of mastoiditis.	Nov-18	09.11.18	Nov-18	Declare and participate at the chair's discretion

Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Organised Clinical Microbiology and Infection Workshop, 9 <sup>th</sup> Dec 2018, Ahmedabad, India. Travel and accommodation covered.	Oct-18	09.11.18	Oct-18	Declare and participate at the chair's discretion
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Co-author: Poster presentations on neonatal bacterial and fungal infections at European Academy of Paediatric Societies conferences	Oct-18	09.11.18	Feb-19	Declare and participate at the chair's discretion
Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Organise Clinical Microbiology and Infection Workshops (annually) overseas (usually in India). Travel and accommodation cost is covered either by local hosts (university/ medical institute/associations) or raised from participants registration fees	Oct-18	03.09.19	Ongoing	Declare and participate.
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Several posters at conference and publications in journals, related to infections and antibiotic use. No endorsement of any drug or technology involved. No commercial companies involved in views and opinion in any of those publications.	Oct-18	12.09.19	Ongoing	Declare and participate.
Louise Picton	Senior Medicines Adviser, NICE	Indirect	Husband works for RB (consumer healthcare), manufacturer of nurofen, in a non-health related position and holds shares in RB.	04.12.14	28.08.19	Ongoing	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.

Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - financial	Member of the Leadership Development in Postgraduate Medical Training National Leads Group, Health Education England. Honorarium received.	Apr-18	10.06.18	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - financial	Consultancy work regarding development of leadership programmes for doctors in training and other health professionals, Health Education England Leadership Academy. Paid consultancy rate	Aug-18	11.09.18	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - financial	Lay Member of the NICE Shared Decision Making Guideline Committee. Paid honorarium	Nov-18	05.11.18	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Trustee of NEA	May-08	08.12.16	Sep-17	Declare and participate
Tang Shim	PHAC D Advisory Committee Topic Expert Member	Direct - financial	Speaker for Leicester GP dermatology educational meeting Title: Acne Paid by: Loreal	Aug-18	29.04.19	Aug-18	Declare and participate at the chair's discretion.
Tang Shim	PHAC D Advisory Committee Topic Expert Member	Direct - financial	Speaker for Coventry GP dermatology educational meeting, Nov 2018 Title: update in dermatology Paid by: Leo Pharma	Nov-18	29.04.19	Nov-18	Declare and participate at the chair's discretion. The committee member will be asked to leave by the chair for sections of the meeting when recommendations being made relating to interest declared.

Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Opinion piece on Antimicrobial Resistance published in 'The People's Friend'	Nov-19	21.11.19	Nov-19	Declare and participate at the chair's discretion.
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at Public Health Wales Conference on 'From Marshmallows to Magic - Engaging the Public to Reduce AMR'.	Oct-17	16.10.17	Oct-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at FIP World Congress of Pharmacy and Pharmaceutical Sciences: Taking a cluster approach to addressing high rates of co-amoxiclav prescribing in primary care	May-18	11.05.18	May-18	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at FIP World Congress of Pharmacy and Pharmaceutical Sciences: Using marshmallows to engage the public and improve knowledge of AMR	May-18	11.05.18	May-18	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at FIP World Congress of Pharmacy and Pharmaceutical Sciences: From Marshmallows to Magic: engaging the public to reduce AMR	May-18	11.05.18	May-18	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at FIP World Congress of Pharmacy and Pharmaceutical Sciences: Using e-Bug to raise awareness of infection in foundation phase school children: a pilot study	May-18	11.05.18	May-18	Declare and participate at the chair's discretion



Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at RPS Med Safety Conference on 'Using e-Bug to raise awareness of infection in Foundation Phase school children: a pilot study'.	Nov-17	17.11.17	Nov-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Publication of 'Supporting Wales with Antibiotics in Primary Care' presentation on WCPPE website.	Nov-17	12.12.17	Nov-17	Declare and participate at the chair's discretion
Caroline Ward	PHAC D Advisory Committee Member	Direct - financial/non-financial Indirect interests	None	N/A	04.09.18	N/A	N/A

## External expert reviewers

Name	Role with NICE	Type of interest	Description of interest	Relevant dates		
				Interest arose	Interest declared	Interest ceased
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - financial	Consultancy fee from L&R Healthcare for providing presentation relating to best practice statement on lower limb ulceration – not product specific	Oct-18	22.08.19	Ongoing
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - financial	Consultancy fee from Synapse medical for being part of advisory board	Jan-19	22.08.19	Ongoing
Leanne Atkin	PHAC D Advisory Committee	Direct - financial	Consultancy fee from Convatec medical for being part of advisory board	Mar-19	22.08.19	Ongoing

	External expert reviewer					
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - non-financial professional and personal	Part of Society of Vascular Nurses council – which is a non-profit making organisation – no direct payment but expenses covered to attend council meetings	Jun-12	22.08.19	Ongoing
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - non-financial professional and personal	Chair of Legs Matters campaign – raising public awareness – non-profit making organisation	Mar-18	22.08.19	Mar-18
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - non-financial professional and personal	Joint chair of National Wound Care Strategy: Lower limb work stream	May-18	22.08.19	May-18
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - financial	Consultancy fee from Flen healthcare for providing two presentations relating to wound assessment – not product specific	Jun-19	22.08.19	Sep-19
Leanne Atkin	PHAC D Advisory Committee External expert reviewer	Direct - non-financial professional and personal	Member of skin science institute at University of Huddersfield working with Mark Allen Group to provide annual scientific conference – no direct payment but all expenses to attend conference venue paid by Mark Allen Group	Nov-18	22.08.19	Ongoing

Nicky Cullum	PHAC D Advisory Committee External expert reviewer	Indirect interest	Lonza is a Swiss biotech company with whom myself and others from the University of Manchester have an Innovate UK grant to develop new ways of delivering antimicrobial therapy, including in the context of wound management. I do not have any financial interest in the company and receive no direct financial benefit from the collaboration.	2018	02.09.19	Ongoing
Nicky Cullum	PHAC D Advisory Committee External expert reviewer	Non-financial professional and personal interests	Joint Coordinating Editor, Cochrane Wounds (oversee the production and publication of systematic reviews in the field of wound prevention, treatment and prevention and treatment of healthcare acquired infection)	1995	02.09.19	Ongoing
Nicky Cullum	PHAC D Advisory Committee External expert reviewer	Non-financial professional and personal interests	Researcher in the field of wound care with numerous research grants (mainly from NIHR) for work in this field and papers published	1990	02.09.19	Ongoing
Nicky Cullum	PHAC D Advisory Committee External expert reviewer	Non-financial professional and personal interests	Research Lead and Strategy Board Member, NHS England/AHSN Network National Wound Care Strategy Programme	2019	02.09.19	Ongoing
Nicky Cullum	PHAC D Advisory Committee External expert reviewer	Non-financial professional and personal interests	Elected Member (and Trustee of Charity), Governing Board of Cochrane	2018	02.09.19	Ongoing
Brenda King	PHAC D Advisory Committee External expert reviewer	Direct - financial	Wound care connections - director, working as consultancy and educational advice for wound manufacturers and advisory board. Coroners expert, witness work	2009	29.08.19	Ongoing

Brenda King	PHAC D Advisory Committee External expert reviewer	Direct - non- financial professional and personal	Committee member - leg ulcer forum committee member  Leg matters steering group.  Co-Chair lower leg wound workstream for NHS NWCSP.  Board member NHS NWCSP	2009	29.08.19	Ongoing
Sue Murphy	PHAC D Advisory Committee External expert reviewer	Direct - non- financial professional and personal	Tissue viability lead in this field	28.08.19	28.09.19	Ongoing
Fania Pagnamenta	PHAC D Advisory Committee External expert reviewer	Direct - financial	I was sponsored to attend the 2019 EWMA conference by URGO Medical Ltd	Jun-19	22.08.19	Yes
Gail Powell	PHAC D Advisory Committee External expert reviewer	Direct - financial/non- financial Indirect interests	None	N/A	29.08.19	N/A

## Expert witness

Brenda King	PHAC D Advisory Committee External expert reviewer	Direct - financial	Wound care connections - director, working as consultancy and educational advice for wound manufacturers and advisory board. Coroners expert, witness work	2009	29.08.19	Ongoing
-------------	--	--------------------	---	------	----------	---------

Brenda King	PHAC D Advisory Committee External expert reviewer	Direct - non- financial professional and personal	Committee member - leg ulcer forum committee member  Leg matters steering group.  Co-Chair lower leg wound workstream for NHS NWCSP.  Board member NHS NWCSP	2009	29.08.19	Ongoing
-------------	--	--	--	------	----------	---------