

Interests Register				Register last updated: 16/09/2019			
Advisory Committee: PHAC D Managing Common Infections							
Guideline: Pneumonia (community-acquired): antimicrobial prescribing							
Name	Role with NICE	Type of interest	Description of interest	Relevant dates			Comments
				Interest arose	Interest declared	Interest ceased	
Richard Barraclough	PHAC D Advisory Committee Topic Expert Member	Direct - financial/no n-financial Indirect interests	None	N/A	22.03.19	N/A	N/A
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	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, 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	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 (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	Dancer SJ (2007) 'Attention prescribers! Be careful with antibiotics'. Invited comment, The Lancet, 9th February.	2007	15.02.19	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	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	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.

		and personal					
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 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.
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 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	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	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	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 & 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	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 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 SJ. (2014) Editor for E-book, 'Staphylococcus aureus & antibiotic resistance', Expert Review Future Science Group. Available at: <a href="http://www.futuremedicine.com/doi/book/10.2217/9781780843698">http://www.futuremedicine.com/doi/book/10.2217/9781780843698</a>	2014	08.03.19	2014	Declare and participate.
Tim Felton	PHAC D Advisory Committee Topic Expert Member	Direct - non-financial professional and personal	National chief investigator of commercially funded phase III randomised controlled trial run by The Medicines Company: Effect and Safety of Meropenem–Vaborbactam versus Best-	01.10.15	09.10.18	01.10.18	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 published papers.

			Available Therapy in Patients with Carbapenem-Resistant Enterobacteriaceae Infections: The TANGO II Randomized Clinical Trial. Wunderink et al. Infectious diseases and therapy. Paid £3,000 but did not personally receive this payment. The trial manuscript was published in October 2018.				
Tim Felton	PHAC D Advisory Committee Topic Expert Member	Direct - non-financial professional and personal	Co-author of two chapters of Kucers' The Use of Antibiotics, Seventh Edition. Retapamulin and Lefamulin. Text book on novel antibiotics in clinical trials. No payment received.	16.10.15	09.10.18	07.03.18	Declare and participate at the chair's discretion.
Tim Felton	PHAC D Advisory Committee Topic Expert Member	Direct - non-financial professional and personal	Member of the British Thoracic Society Infection Specialist Advisory Group.	26.10.17	09.10.18	Ongoing	Declare and participate.
Tim Felton	PHAC D Advisory Committee Topic Expert Member	Direct - financial	Gilead GAIN meeting. Received speaker fees of £1,100 plus travel and accommodation to attend and speak at this commercial funded educational meeting.	21.06.18 & 22.06.18	09.10.18	21.06.18 & 22.06.18	Full exclusion from all relevant parts of committee meetings.
Tim Felton	PHAC D Advisory Committee Topic	Direct - financial	Attend advisory board for Menarini who have marketing authorisation for Meropenem–Vaborbactam. Meropenem–Vaborbactam is a	09.01.19	13.12.18	10.01.19	Full exclusion from all relevant parts of committee meetings.

	Expert Member		novel antibiotic with activity overing resistant gram negative bacteria				
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 - financial	Speaker honoraria from Merck Sharp & Dohme pharmaceuticals (manufacturers of antibiotics ertapenem and tedezolid)	Sep-16	24.10.16	Nov-16	Declare and participate at the chair's discretion
Kieran Hand	PHAC D Advisory Committee Member	Direct - financial	Advisory board honoraria from Pfizer pharmaceuticals (antibiotic tigecycline)	Nov-16	24.10.16	Nov-16	Declare and participate at the chair's discretion
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	Sponsored to attend ECCMID conference in Vienna, Austria. Registration, flight and hotel costs paid by Astellas Pharma (manufacturers of antibiotic fidaxomicin).	Apr-17	09.05.18	Apr-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 - financial	No financial conflicts to declare	N/A	25.06.18	N/A	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	Direct - non-financial professional and personal	Hay AD, Little P, Harnden A, Thompson M, Wang K, Kendrick D, Orton E, Brookes ST, Young GJ, May M, Hollinghurst S, Carroll FE, Downing H, Timmins D, Lafond N, El-Gohari M, Moore M. Effect of Oral Prednisolone on symptom duration and severity in nonasthmatic adults with acute lower respiratory tract infection: A randomized clinical trial. <i>JAMA</i> 2017 Aug 22;318(8):721-730. doi: 10.1001/jama.2017.10572.	2012	25.06.18	22.08.17	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	El-Gohary M; Hay AD; Coventry P; Moore M; Stuart B; Little P. Corticosteroids for acute and subacute cough following respiratory tract infection: a systematic review. <i>Fam Pract</i> 2013 Oct; 30(5):492-500; doi: 10.1093/fampra/cmt034.	2008	25.06.18	Oct-13	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Hay AD, Redmond NM, Turnbull S, Christensen H, Thornton H, Little P, Thompson M, Delaney B, Lovering AM, Muir P, Leeming JP, Vipond B, Stuart B, Peters TJ, Blair P. Development and internal validation of a clinical rule to improve antibiotic use in children presenting to primary care with acute respiratory tract infection and cough: a prognostic cohort study. <i>Lancet Respir Med</i> . 2016 Nov; 4(11), 902-910 doi: 10.1016/S2213-2600(16)30223-5	2000	27.09.18	01.09.16	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.

Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Wang K, Birring SS, Taylor K, Fry NK, Hay AD, Moore M, Jin J, Perera R, Farmer A, Little P, Harrison TG, Mant D, Harnden A. Montelukast for postinfectious cough in adults: a double-blind randomised placebo-controlled trial. <i>Lancet Respiratory Medicine</i> 2014; 2,35-43; DOI: 10.1016/S2213-2600(13)70245-5.	2000	27.09.18	02.12.13	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Thompson M, Vodicka TA, Blair PS, Heneghan C, Hay AD. Duration of symptoms of respiratory tract infections in children: systematic review. <i>BMJ</i> 2013; 347:f7027; DOI:10.1136/bmj.f7027.	2000	27.09.18	11.12.13	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Hay AD, Fahey T, Peters TJ, Wilson A. Predicting complications from acute cough in pre-school children in primary care: a prospective cohort study. <i>Br J Gen Pract</i> 2004;54:9-14.	2000	27.09.18	Apr-04	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Hay AD, Wilson A, Fahey T, Peters TJ. The duration of acute cough in pre-school children presenting to primary care: a prospective cohort study. <i>Fam Pract</i> 2003;20:696-705; doi: 10.1093/fampra/cm613.	2000	27.09.18	01.05.03	Declare and participate at the chair's discretion
Alastair Hay	PHAC D Advisory Committee Member	Direct - non-financial professional	Hay AD, Wilson AD. The natural history of acute cough in children aged 0 to 4 years in primary care: a systematic review. <i>Br J Gen Pract</i> 2002;52:401-409.	2000	27.09.18	May-02	Declare and participate at the chair's discretion

		and personal					
Alastair Hay	PHAC D Advisory Committee Member	Direct - non- financial professional and personal	Co-investigator on the following grant, that is currently recruiting: Moore M, Lewith G, Little P, Hay AD, Willcox M, Butler C, Flower A, Eyles C, Yao L, Griffiths G, Bostock J, Bell M. Feasibility Study of Pelargonium Sidoides Root Extract EPS®7630 (Kaloba®) for Lower Respiratory Tract Infection In Adults. NIHR SPCR. £666,651 01/01/2017 to 31/12/2018.	2017	27.09.18	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	Little P, Harnden A, Wang K, Verheij T, Butler C, Francis N, Hood K, Hay AD, Blair P, Moore M, Stuart B, Yao G, Sharland M, Faust S, Leydon G, Broekhuizen B, Read R. Antibiotics for lower Respiratory Tract Infection in Children presenting in Primary Care (ARTIC PC). NIHR HTA £1,590,327.80 01/10/2016 – 30/06/2019.	2016	12.10.18	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	Indirect	Working with BioMérieux on a respiratory microbial point of care test study (not CRP). No payment.	2018	20.03.19	Ongoing	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. 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 (published March 2019) which commented on two studies (doi:10.1136/bmj.l525 and doi.org/10.1136/bmj.l440), the latter of which included Susan Hopkins as an author.	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®)	19.12.19	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



Susan Hopkins	PHAC D Advisory Committee Chair	Direct - financial	None	N/A	N/A	N/A	
Philip Howard	PHAC D Advisory Committee Member	Direct - financial	None	N/A	31.05.19	N/A	N/A
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	NIHR HTA Sepsis call 17/136/13 PROcalcitonin and NEWS evaluation for Timely identification of sepsis and Optimal use of antibiotics in the Emergency Department (PRONTO)	Sep-19	31.05.19	Ongoing	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 Committee Member	Direct - non-financial professional and personal	Talk at IAMMAC conference in Moscow for BSAC on antibiotic education	May-19	31.05.19	May-19	Declare and participate.
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 at Leeds Medtech Innovation Collaborative on diagnostics in sepsis	May-19	31.05.19	May-19	Declare and participate.
Philip Howard	PHAC D Advisory	Direct - non-financial	Working dinner at ECCMID on temocillin hosted by Eumedica	May-19	31.05.19	May-19	Declare and participate at the chair's discretion.

	Committee Member	professional and personal					
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 a panel at UKAMR diagnostics collaborative	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	Gave talk on antifungal stewardship education at Fungal 2019 conference	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	Direct - non-	BSAC AMS education activities. HEE AMR Conference. London	Dec-18	31.05.19	Dec-18	Declare and participate.

	Committee Member	financial professional and personal					
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	NIHR BATCH study (procalcitonin in children)	2018	31.05.19	2021	Declare and participate at the chair's discretion.

		and personal					
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.
Abid Hussain	PHAC D Advisory Committee Member	Direct - financial	Travel Grant and Accommodation Paid by Merk, Sharpe & Dohme to attend the 28th European Congress of Clinical Microbiology and Infectious Diseases, held in Madrid, Spain to allow me to present original research. Anti-infectives produced by MSD: Caspofungin, Daptomycin, Ertapenem, Posaconazole, Tedizolid, Ceftolozane/tazobactam.	24.04.18	26.01.18	25.04.18	Declare and participate at the chair's discretion
Abid Hussain	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Attendance at an Educational day on Antifungal therapy organised by Pfizer. <i>Anti-infectives produced by Pfizer: Ceftazidime-Avibactam, Isavuconazole.</i>	18.10.18	26.01.18	18.10.18	Declare and participate at the chair's discretion
Abid Hussain	PHAC D Advisory Committee Member	Direct - financial	Invited speaker for a trainee education meeting on managing complex infections in haematology patients. Travel and honoraria paid by Pfizer. Anti-infectives produced by Pfizer: Ceftazidime-Avibactam, Isavuconazole.	17.09.18	26.01.18	17.09.18	Full exclusion from all relevant parts of committee meetings



Peter Jenks	PHAC D Advisory Committee Member	Direct - financial	Director of a company (Plymouth Infection Consultancy) that provided private microbiology advice to local providers. The company was dissolved on 2 <sup>nd</sup> May 2017	2006	24.10.18	02.05.18	Declare and participate at the chair's discretion
Peter Jenks	PHAC D Advisory Committee Member	Direct - financial	Secretary of the Healthcare Infection Society (charity promoting the prevention of healthcare associated infection), for which reimbursed 1 programmed activity/4 hour session per week.	01.11.15	19.02.18	26.05.18	Declare and participate at the chair's discretion
Peter Jenks	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Invited speaker at two national conferences on the PHE national surveillance programme. No payment, expenses only.	Jul-18	19.02.18	May-18	Declare and participate at the chair's discretion
Amelia Joseph	PHAC D Advisory Committee Member	Direct - financial/no n-financial Indirect interests	None	N/A	04.06.19	N/A	N/A
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	Federation of Infection Societies Conference, presentation: Symposium on NICE Guidelines on Sore Throat, Otitis Media and Sinusitis No expenses or speaker fee	Nov-18	29.11.18	Nov-18	Declare and participate
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 - financial/no n-financial Indirect interests	None	N/A	20.02.19	N/A	N/A
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	Indirect	Application to Sanofi to sponsor cost of sandwich lunch for delegates at North West Paediatric Infectious Diseases Study Day	19.06.19	18.06.19	26.09.19	Declare and participate at the chair's discretion.
Paddy McMaster	PHAC D Advisory	Direct - non-financial	Lead editor for North West Paediatric Antimicrobial Guidelines:	2011	18.06.19	Ongoing	Declare and participate.

	Committee Chair	professional and personal	input from both groups relevant to each other				
Paddy McMaster	PHAC D Advisory Committee Chair	Direct - non-financial professional and personal	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	Member of ESPAUR and PHE AMR Programme Board	2015	07.10.16	Ongoing	Declare and participate at the chair's discretion

		and personal					
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.
Cliona McNulty	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Working with Oldham CCG to support CRP evaluation	2015	21.09.18	Ongoing	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

Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Biofire/Biomerieux: Received assistance with travel, attended annual general meeting, received honorarium for lecture	16.10.16	14.11.16	18.10.16	Declare and participate at the chair's discretion
Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Co-hosted 'Infection During Pregnancy' training day in personal capacity and received financial benefit. (March 2017)	02.03.17	20.03.17	02.03.17	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	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	Working with Aston University on a project on application of Data Envelope Analysis for empyema patients. Presented a poster at a conference and a paper has been submitted for publication	May-17	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 - non-financial professional and personal	Chair, NICE Managing Common Infection Session on URTI and UTI at Federation of Infection Societies 2018 conference.	Nov-18	09.11.18	Ongoing	Declare and participate
Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Named local microbiologist for site (Birmingham Children's Hospital) for NIHR funded programme on effect of rapid molecular diagnosis of HA-pneumonia on antimicrobial stewardship. The project uses a rapid molecular test by Biofire(Generic)	Aug-19	03.09.19	Ongoing	Declare and participate.
Mitul Patel	PHAC D Advisory Committee Member	Direct - financial	Organise Clinical Microbiology and Infection Workshops (annually) Travel and accommodation covered. (Generic)	Oct-18	03.09.19	Ongoing	Declare and participate.



Mitul Patel	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Workshop in Surgical Site Infections and Resistant Organisms and Antibiotic Use at Annual Conference of Paediatric Surgeons of Pakistan 18-23 Feb 2019. Travel and accommodation covered by organisers. No financial interest.	Feb-19	06.02.19	23.02.19	Declare and participate at the chair's discretion
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Chair of the Marine Medical Group Patient Participation Group	Sep-15	08.12.16	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Trustee of Age UK North Tyneside	May-13	08.12.16	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Non-Executive Director/Charity Rep of Life Choices Plus	May-13	08.12.16	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Non-Executive Director of Warm Zones CiC	Nov-17	16.10.17	Ongoing	Declare and participate
Carole Pitkeathley	PHAC D Advisory	Direct - non-financial	Vice Chair of Healthwatch Northumberland	Apr-17	16.10.17	Ongoing	Declare and participate

	Committee Member	professional and personal					
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
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
Avril Tucker	PHAC D MCI Advisory Committee Member	Direct - non-financial professional and personal	Production of 'Auntie Biotic video' and distribution on social media	Nov-16	09.03.18	Nov-16	Declare and participate at the chair's discretion

Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Academic poster at RCGP conference on 'Taking a cluster approach to addressing high rates of antibiotic prescribing in primary care'	Feb-17	06.02.17	Feb-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 Institute of Healthcare Improvement conference on 'Taking a cluster approach to addressing high rates of antibiotic prescribing in primary care'	Apr-17	06.02.17	Apr-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Production of 'AMR magic' video & distribution on social media	Apr-17	09.03.18	Apr-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Presentation on 'From Marshmallows to Magic – engaging the public to reduce AMR' at the MediWales Connects conference (a forum for industry to work with the NHS)	Jun-17	11.07.17	Jun-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional and personal	Presentation on 'Taking a cluster approach to addressing high rates of antibiotic prescribing in primary care' at Infection Prevention Society South Wales conference. I accepted dinner and accommodation before the event.	Jun-17	11.07.17	Jun-17	Declare and participate at the chair's discretion
Avril Tucker	PHAC D Advisory Committee Member	Direct - non-financial professional	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

		and personal					
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	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

		and personal					
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
Avril Tucker	PHAC D Advisory Committee Member	Direct - non- financial professional and personal	Presentation on 'Acute Cough – Antimicrobial Prescribing' at the Primary Care & Public Health conference	May-19	28.02.19	May-19	Declare and participate at the chair's discretion
Caroline Ward	PHAC D Advisory Committee Member	Direct - non- financial professional and personal	Ward C. Point-of-care C-reactive protein testing to optimise antibiotic use in a primary care urgent care centre setting. BMJ Open Qual 2018;7:e000391. doi: 10.1136/bmjopen-2018-000391	Aug-16	04.09.18	15.10.18	Declare and participate
Caroline Ward	PHAC D Advisory Committee Member	Direct - non- financial professional and personal	Presenting at the RCGP annual conference on the topic "Rapid update on common infections: incorporating NICE/PHE guidelines into daily practice". Will receive a contribution towards travel expenses.	Oct-19	04.09.19	Oct-20	Declare and participate.

Caroline Ward	PHAC D Advisory Committee Member	Direct - financial	Writing an article for Guidelines in Practice on Community Acquired Pneumonia to be published in December 2019. Honorarium to be paid for this work.	Dec-19	21.09.19	Ongoing	Declare and participate.
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