

| Interests Register | | | | | | | Register last updated: 16/09/2019 |
|--|---|--|--|-----------------------|--------------------------|------------------------|--|
| Advisory Committee: PHAC D Managing Common Infections | | | | | | | |
| Guideline: Pneumonia (hospital-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/non-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. |

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| 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: http://www.bmj.com/content/350/bmj.h1453/rapid-responses | 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. |

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| 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 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. |

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| 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. |

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| 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 beta-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. |

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| 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: http://www.futuremedicine.com/doi/book/10.2217/9781780843698 | 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-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. | 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. |
| 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. |

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| 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 Expert Member | Direct - financial | Attend advisory board for Menarini who have marketing authorisation for Meropenem–Vaborbactam. Meropenem–Vaborbactam is a novel antibiotic with activity covering resistant gram negative bacteria | 09.01.19 | 13.12.18 | 10.01.19 | Full exclusion from all relevant parts of committee meetings. |
| 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 |

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| 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 |

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| 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 |

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| 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. JAMA 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 |

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| 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 |

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| 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 and personal | 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 |
| 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. |

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|----------------|----------------------------------|--|--|----------|----------|---------|---|
| 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 |

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| 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: https://doi.org/10.1136/bmj.l440 | | 31.01.19 | 27.02.19 | Declare and participate at the chair's discretion |

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| 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 | Direct - non-financial | National AMR project lead for NHS-Improvement secondment. | Nov-14 | 31.05.19 | Mar-19 | Declare and participate. |

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| | Committee Member | professional and personal | | | | | |
| 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. |

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| 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 Committee Member | Direct - non-financial professional and personal | Working dinner at ECCMID on temocillin hosted by Eumedica | May-19 | 31.05.19 | May-19 | Declare and participate at the chair's discretion. |
| 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 | Direct - non-financial | Sat on vaccination discussion panel at Economist AMR event | Mar-19 | 31.05.19 | Mar-19 | Declare and participate. |

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| | Committee Member | professional and personal | | | | | |
| 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 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. |

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| 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. |

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| 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. |
| 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 nd 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 |

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| 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/non-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 | Direct - financial/non-financial | None | N/A | 20.02.19 | N/A | N/A |

| | Committee Chair | Indirect interests | | | | | |
|----------------|----------------------------------|--|--|----------|----------|----------|--|
| 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 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 | 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 |

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| 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. |

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| 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 | Direct - financial | Lay member of NICE Technology Appraisals Appeals Committee | 05.09.11 | 19.08.17 | Ongoing | Declare and participate |

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| | Committee Member | | | | | | |
| 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. |

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| 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 ¹ , Julia Bielicki ² , Nico Drapier ¹ , Mike Sharland ² and Herman Goossens ^{1*} 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 th Dec 2018, Ahmedabad, India. Travel and accommodation covered. | Oct-18 | 09.11.18 | Oct-18 | Declare and participate at the chair's discretion |

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| 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 | Direct - non-financial | Trustee of Age UK North Tyneside | May-13 | 08.12.16 | Ongoing | Declare and participate |

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| | Committee Member | professional and personal | | | | | |
| 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 Committee Member | Direct - non-financial professional and personal | Vice Chair of Healthwatch Northumberland | Apr-17 | 16.10.17 | 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 |
| 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 | Direct - financial | Lay Member of the NICE Shared Decision Making Guideline Committee. Paid honorarium | Nov-18 | 05.11.18 | Ongoing | Declare and participate |

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| | Committee Member | | | | | | |
| 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 |

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| 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 |

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| 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/bmj-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. |