Sexual Health and HIV Academic Unit

Summary Report 2020

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January 2020
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Introduction

University Hospitals Birmingham NHS Foundation Trust (UHB) works in partnership with Birmingham City University (BCU) and University of Birmingham (UoB) to improve the delivery of high quality sexual and reproductive healthcare through:

- a program of health care services research
- increasing research capacity within the field of sexual health and HIV
- contributing to the research and teaching programmes within UHB, BCU and UoB
- supporting the National Institute for Health Research (NIHR) Clinical Research Network

Our partners over the past year have included the Birmingham City Council, Aston University, Warwick University, University of Nottingham, Glasgow Caledonian University, Public Health England and the Sexually Transmitted Infections Research Foundation Charity.

The research team is based within the Umbrella sexual health partnership, and comprises:

- 8 PhD students
- 3 research fellows
- 1 research manager
- 3 research nurses
- 15 NHS consultant medical staff
- 6 medical trainees

Research Activity

The major research themes of the unit are focused on:

- sexual health service delivery
- pelvic inflammatory disease
- human immunodeficiency virus (HIV)

1. Sexual health service delivery

a) In response to the increasing resistance of gonorrhoea to existing antimicrobials:
   a. the GToG trial evaluated gentamicin as an alternative therapy for gonorrhoea (NIHR HTA £1.4 million – chief investigator J Ross)
   b. an evaluation of the immune response to gonococcal infection (S McKeand/M Drayson/A Cunningham/J Ross)
   c. molecular typing of *N. gonorrhoeae* to assess associations between sequence type and clinical presentation, and whether the immune response to gonorrhoea varies by *N. gonorrhoeae* genotype (S McKeand/A McNally/J Ross)

b) VITA trial evaluating the safety and efficacy of lactic acid gel in the treatment of recurrent bacterial vaginosis (NIHR HTA £1.5 million – chief investigator J Ross)

c) DEVA trial evaluating the safety and efficacy of dequalinium in the treatment of bacterial vaginosis (NIHR HTA £1.2 million – co-chief investigator J Ross)

d) Understanding young people’s perceptions of the value of STI testing – using a discrete choice experiment to identify key values which affect the decision to be tested for STIs (Sexually Transmitted Infections Research Foundation / Queen Elizabeth Hospital Birmingham Charity £49 986 – L Jackson/J Ross)
e) Identifying patient related outcome measures for clinical care following sexual assault - a systematic review (Sexually Transmitted Infections Research Foundation / Queen Elizabeth Hospital Birmingham Charity £11 126 – R Caswell/J Ross)

f) Evaluating the impact on individuals and wider society of remote testing for STIs (Economic and Social Research Council Studentship £57 501 – PhD supervisors F Griffiths & J Ross)

g) Understanding the costs and benefits of online screening and clinic-based screening for sexually transmitted infections (STIs) in asymptomatic patients: a case study of the Umbrella sexual health system in Birmingham (L Jackson/J Ross/ N Thorley)

h) Measuring patient satisfaction and experience after attendance at the Abuse Survivors Clinic: a new Umbrella Service in partnership with RSVP (R Caswell)

i) An evaluation of pharmacy delivered sexual health services (PhD supervisors H Atherton, J Ross & F Griffiths)

j) MESARCH Multi-disciplinary evaluation of Sexual Assault Referral Centres (SARCs) for better Health (NIHR HSDR £1.2 million – co-applicant R Caswell)

k) PrEP IMPACT Trial – implementation of pre-exposure prophylaxis for HIV (principal investigator D White)

l) LUSTRUM Accelerated partner therapy for chlamydia trial (NIHR PgAR – principal investigator J Ross)

m) VIOLET trial evaluating efficacy and safety of VT1161 a new anti-fungal agent, for the management of recurrent vulvovaginal candida infections (UK chief investigator J Ross)

n) Identifying and developing approaches for the economic evaluation of sexually transmitted infection screening and testing interventions: a case study of the Umbrella sexual health system in Birmingham and Solihull (PhD project – supervisor J Ross)

o) Measuring and assessing patient experience and satisfaction with Umbrella services (PhD project – supervisors T Roberts/L Jackson/J Ross/N Thorley)

p) Teens' experiences of sexual assault (PhD project – supervisors J Ross/R Caswell)

q) Exploring understanding of and reasoning for the healthcare choices made after disclosing sexual violence and sexual abuse, a mixed method research project (PhD project R Caswell – supervisor J Ross)

r) EAGLE study - a randomised controlled trial assessing a new antibiotic therapy (Gepotidacin) for gonorrhoea (UK chief investigator J Ross)

s) SAFETXT trial – evaluating the use of text messaging to reduce the rate of recurrence of sexually transmitted infections (principal investigator J Ross)
Additional support for the theme of sexual health service delivery was provided via:

- development and maintenance of the UK National STI Treatment guidelines (national committee chairman – K Radcliffe)
- leadership in the development of European STI Treatment Guidelines in association with the International Union against Sexually Transmitted Infections (IUSTI) and World Health Organisation (WHO) (editor in chief – K Radcliffe)
- national Gonococcal Resistance to Antimicrobials Surveillance Group (steering group – J Ross)

2. Pelvic inflammatory disease pathogenesis and management

a) The department contributes to the international Cochrane Collaboration via the Editorial Board of the Sexually Transmitted Diseases Collaborative Review Group, which has published a Cochrane review for pelvic infection management (J Ross)

b) An update of the UK national guideline for PID was completed (lead author J Ross)

3. HIV

A number of commercial/non-commercial and collaborative studies were undertaken in the past year:

a) POEM study – a multicentre, prospective observational study of the safety of maraviroc used with optimised background therapy in treatment-experienced HIV-1 infected patients (principal investigator J Ross)

b) AIR study – a case-control study measuring the immune response following vaccination in HIV infected patients, and factors influencing protective immunity (chief investigator K Manavi)

c) START study – an international, multicentre trial assessing the optimal time after HIV infection to commence antiretroviral therapy. Three sub studies include: informed consent, genomics and pulmonary (principal investigator J Ross)

d) TANGO GSK 204862 - a phase III, randomized, multicenter study evaluating the efficacy, safety, and tolerability of switching to dolutegravir plus lamivudine (principal investigator J Ross)

e) GS-US-380-1489 study – a randomised controlled trial comparing two integrase inhibitor based HIV treatment regimens (principal investigator J Ross)

f) GS-US-380-1878 study – a randomised controlled trial assessing the effect of switching from a protease inhibitor based regimen to an integrase inhibitor (principal investigator J Ross)

g) GS-US-380-1490 study – a multicentre trial evaluating a new integrase inhibitor for HIV treatment (principal investigator J Ross)

h) AALPHI study (Adolescents and Adults living with Perinatal HIV) A Medical Research Council 5-year cohort study of perinatally infected and HIV-affected (HIV negative) young people (principal investigator C Robertson)

i) CHIPS+ (Collaborative HIV Paediatric Study) – a paediatric-adult cohort study of perinatally HIV infected patients assessing long term outcomes (principal investigator C Robertson)
j) Positive Voices – The national survey for people with HIV (principal investigator K Manavi)

k) B-cell Immune Responses to Pneumococcal Vaccination in HIV-infected patients (PhD supervisors A Richter & K Manavi)

**Contributions to the Wider Research Community**

Over the past year, wider research contributions have included:

1. Support for the National Institute for Health Research (NIHR):
   - NIHR Clinical Research Network national speciality lead for sexual health (J Ross)
   - recruitment by the unit for NIHR portfolio studies:
     - a) VITA
     - b) PrEP IMPACT Trial
     - c) LUSTRUM
     - d) SAFETXT
   - NIHR HTA Funding Committee (Commissioned Research) – evaluation and allocation of funding for NIHR commissioned research (J Ross)
   - NIHR Heath Technology Assessment Journal editor (J Ross)
   - NIHR Dissemination Centre Panel of Expert Commentators (J Ross)

2. Editorial support for medical publications (J Ross):
   - associate editor and editorial board of *Sexually Transmitted Infections*
   - editorial board of *International Journal of STD & AIDS*

4. PhD Supervisor
   - Warwick University: 2 students (J Ross)
   - Birmingham University: 4 students (J Ross/N Thorley)
   - Birmingham City University: 1 student (J Ross/R Caswell)

**International Partnerships**

The unit continues to work with the International Union against Sexually Transmitted Infections (IUSTI) supporting the publication of *STI Global Review* which provides a focus for global STI-related issues and highlights the activities of IUSTI. It has also supported the delivery of a European wide sexual health audit network.

**National and International Presentations**

*Prof. Jonathan Ross*

March 2019 NIHR Early Career Researcher Conference, Leeds
Developing a clinical trial proposal (plenary presentation)

May 2019
NICE Annual Conference, Manchester
Collaborating with community pharmacists to deliver sexual health services (poster presentation)

June 2019
Royal College of Obstetrics and Gynaecology World Congress, London
*Mycoplasma genitalium*: who has it and what should you do about it (oral symposium speaker)

June 2019
American Society of Microbiology - Microbe 2019, San Francisco
Epidemiology and management of multi-drug resistant *Mycoplasma genitalium* (oral symposium speaker)
An evaluation of the risks for transmission of gonorrhea between symptom onset and receipt of treatment (poster presentation)

June 2019
British Association for Sexual Health and HIV Annual Conference, Birmingham
a) Evaluating Online and Clinic-Based STI Screening Services: A Case Study of Umbrella Sexual Health Services, UK (oral presentation by Louise Jackson)
b) Is testing for gonorrhoea according to reported symptoms and history of exposure good enough? A subanalysis from the Gentamicin versus ceftriaxone for the treatment of gonorrhoea (GToG) study (poster presentation)
c) Collaborating with community pharmacists to deliver sexual health services – a multidisciplinary, patient-centred approach (poster presentation)
d) A service evaluation assessing the delivery of Chlamydia treatment in community pharmacies (poster presentation)
e) Factors associated with inter-patient variation in injection site pain following treatment of gonorrhoea (poster presentation)
f) Understanding Young People’s Priorities for Sexually Transmitted Infection (STI) Screening (poster presentation)
g) Experiences and perspectives of pharmacy staff and users on the delivery and impact of pharmacy based sexual health services: a systematic review (poster presentation)

July 2019
STI & HIV World Congress, Vancouver
a) Understanding the Costs and Benefits of Sexual Health Services and Interventions: A guide for clinicians and researchers (oral symposium speaker)
b) Screening women for bacterial STIs: should we scale back? (oral symposium speaker)
c) Evaluating online and clinic based TI screening services: a case study of Umbrella sexual health services, UK (poster presentation)
d) Understanding young people’s priorities for STI screening (poster presentation)
e) Teens’ experiences following sexual assault: a systematic review of qualitative research (poster presentation)
f) Variations in time to clinical presentation for patients with uncomplicated gonorrhoea (poster presentation)

Sept 2019
International Union against Sexually Transmitted Infections conference (Europe), Tallinn
a) Clinical consequences of antimicrobial resistance (oral symposium speaker)
b) Attitudes towards internet-based testing for sexually transmitted infections: a systematic review of qualitative research (oral presentation by Tommer...
October 2019  International Union against Sexually Transmitted Infections conference (Asia Pacific), Shanghai
   a) Gonorrhoea treatment - the future (oral plenary presentation)
   b) How to write a paper (oral symposium presentation)
   c) Uptake, usage and user demographics of pharmacy-based sexual health services: A retrospective study from the UK (oral presentation by Julia Gauly)

Dr. Rachel Caswell
April 2019  St Mary’s Annual Conference, Manchester, UK.
   Teens’ experiences following sexual assault: barriers to disclosure.

June 2019  Are patients receiving Maraviroc with the correct dose adjustments in HIV clinics in University Hospitals Birmingham?

July 2019  14th Annual Health Conference.
   Seeking support after sexual assault: looking at teen perspectives

July 2019  STI & HIV 2019 World Congress, Vancover, Canada
   Teens' experiences following sexual assault: A systematic review of qualitative research.

Dr. Penny Goold
June 2019  *Female sexual dysfunction: medical doctor work-up & treatment*, Female Sexual Dysfunction: controversies & Care Conference, Royal Society of Medicine (oral symposium speaker)

June 2019  BASHH Conference, Birmingham
   A project to describe the use and impact of ‘Chemsex’ in the Birmingham population and to ascertain improvements and developments required in the current service (poster presentation)
   A re-audit of the management of Erectile Dysfunction within a Psychosexual Service (poster presentation)
   Review of a counselling service for young people (YP) within a large inner-city sexual health service (poster presentation)
   Use of Unannounced Standardised Patients to Evaluate and Inform Training for Sexual Health Services Delivered through Community Pharmacies (poster presentation)

Dr. Meg Boothby
June 2019  24th World Congress of Dermatology – Cutaneous Lymphomas
Infection with human T-cell lymphotropic virus type-1 in primary cutaneous lymphoma: Should we be testing all patients?

**Dr. Nicola Thorley**  
May 2019  
NICE Annual Conference, Manchester

NICE guidelines and standards for quality improvement: planning ahead for use in practice (oral presentation by Dr Nicola Thorley, Dr. Joe Hassell and Deborah O’Callaghan)

Collaborating with community pharmacists to deliver sexual health services, NICE Shared Learning Awards. Presented at the NICE 2019 Conference (poster presentation)

**June 2019**  
BASHH Conference, Birmingham

Evaluating Online and Clinic-Based STI Screening Services: A Case Study of Umbrella Sexual Health Service (oral presentation by Louise Jackson)

Collaborating with community pharmacists to deliver sexual health services – a multidisciplinary, patient-centred approach (poster presentation)

A service evaluation assessing the delivery of chlamydia treatment in community pharmacies (poster presentation)

**July 2019**  
STI & HIV 2019 World Congress

Evaluating Online and Clinic-Based STI Screening Services: A Case Study of Umbrella Sexual Health Services, UK.

**Dr Dr. Denise Williams**  
June 2019  
BASHH Conference, Birmingham

Re-audit of intrauterine device (IUD) as a form of Emergency Contraception (EC) in Umbrella Community Pharmacies (poster presentation)

**Dr. Hannah Church**  
June 2019  
BASHH Conference, Birmingham

U=U issues in clinical practice

**October 2019**  
Autumn BHIVA

The future of HIV care, the trainees perspective

**Dr Sarah Mensforth**  
June 2019  
BASHH Conference, Birmingham

Is testing for gonorrhoea according to reported symptoms and history of exposure good enough? A subanalysis from the Gentamicin versus ceftriaxone for the treatment of gonorrhoea (GToG) study (poster presentation)
A project to describe the use and impact of ‘Chemsex’ in the Birmingham population, and to ascertain improvements and developments required in the current service

Publications

Prof. Jonathan Ross:
Antibiotic therapy for pelvic inflammatory disease: an abridged version of a Cochrane systematic review and meta-analysis of randomised controlled trials
Savaris RF, Fuhrich DG, Duarte RV, Franik S, Ross J.

A randomised controlled trial to compare the clinical effectiveness, cost effectiveness and safety of gentamicin and ceftriaxone in the treatment of gonorrhoea (The G-TOG Trial)
JDC Ross, Jan Harding, Lelia Duley, Alan A. Montgomery, Trish Hepburn, Wei Tan, Clare Brittain, Garry Meakin, Kirsty Sprange, Sukhwinder Thandi, Louise Jackson, Tracy Roberts, Janet Wilson, John White, Claire Dewsnap, Michelle Cole, Tessa Lawrence, on behalf of the G-TOG Collaborative Group
NIHR Health Technology Assessment Journal 2019 Volume: 23, Issue: 20
https://www.journalslibrary.nihr.ac.uk/hta/hta23200/#/full-report

Gentamicin compared with Ceftriaxone for the treatment of gonorrhoea: a randomised trial (G-ToG Trial)
JDC Ross, C Brittain, M Cole, C Dewsnap, J Harding, T Hepburn, L Jackson, M Keogh, T Lawrence, AA Montgomery, TE Roberts, K Sprange, W Tan, S Thandi, J White, J Wilson, L Duley, on behalf of the G-ToG Trial Team
Lancet 2019;393:2511-2520 DOI: https://doi.org/10.1016/S0140-6736(18)32817-4

Pharmacy-based sexual health services: a systematic review of experiences and attitudes of pharmacy users and pharmacy staff
J Gauly, JDC Ross, I Hall, I Soda, X Armoiry, H Atherton

Measuring experience and outcomes in patients reporting sexual violence who attend a health care setting: a systematic review
Caswell R, Ross JDC, Lorimer K
Sex Trans Infect 2019;95:419-427

Association of HIV status with sexual function in women aged 45-60 in England: results from two national surveys
AIDS Care 2019 https://doi.org/10.1080/09540121.2019.1653436

Should we still use azithromycin for gonorrhoea treatment?
S Mensforth, JDC Ross
Sexual Health 2019;16:442–448 https://doi.org/10.1071/SH19016

Pregnancy Prevention and Contraceptive Preferences of Online Sex Workers in the UK
Gentamicin, azithromycin and ceftriaxone in the treatment of gonorrhoea; the relationship between antibiotic minimum inhibitory concentration and clinical outcome
Cole, M; Tan, W; Fifer, H; Brittain, Ce; Duley, L; Hepburn, T; Lawrence, T; Montgomery, A; Sprange, K; Thandi, S; Churchward, C; Tripodo, F; Woodford, N; JDC Ross

Acceptability of and Treatment Preferences for Recurrent Bacterial Vaginosis - Topical Lactic Acid Gel or Oral Metronidazole Antibiotic: Qualitative Findings from the VITA Trial

A rapid review of sexual wellbeing definitions and measures: should we now include sexual wellbeing freedom?
K Lorimer, L DeAmicis, J Dalrymple, J Frankis, LJ. Jackson, P Longelly, L McMillan, JDC Ross
Journal of Sex Research (in press 2019)

Metronidazole versus lactic acid for treating bacterial vaginosis (VITA): protocol for a randomised controlled trial to assess the clinical and cost effectiveness of topical lactic acid gel for treating second and subsequent episodes of bacterial vaginosis
Trials (in press 2019)

Tackling the Challenges Associated with the Economic Evaluation of Interventions to Control or Reduce Antibiotic Resistance: A Case Study of the Evaluation of Alternative Antibiotic Treatments for Gonorrhoea
Jackson L, Ross JDC, Roberts T
Antibiotics (submitted 2019)

European Guideline for the Management of Anogenital Warts
Gilson R, Nugent D, Werner RN, Ballesteros J, Ross JDC
J Eur Acad Dermatovenereology (submitted 2019)

The association between severe menopausal symptoms and engagement with HIV care and treatment in women living with HIV
D Solomon, C Sabin, F Burns, R Gilson, S Allan, A de Ruiter, J Fox, Y Gilleece, R Jones, F Post, JDC Ross, S Tariq
HIV Medicine (submitted 2019)

Patient satisfaction with and experience of a Sexual Abuse Survivors Clinic
G Birdi, H Pattison, JDC Ross, R Caswell
BMJ Sexual & Reproductive Health (submitted 2019)

Dr Meg Boothby
Caswell RJ, Nall P, Boothby M, Taylor GP
Rapid onset and progression of myelopathy following an STI: a case for screening?
Sexually Transmitted Infections 2019;95:244-245.
Dr. Rachel Caswell:
Teens, Sexual Assault and Ethical Research: how do we include their voice.
Anastassiou A, Shiboleth T & Caswell RJ.

Review of Human T-Lymphotrophic Virus-1 disease.
Caswell RJ, Manavi K. Emerging sexually transmitted viral infections
Int J STD AIDS

Teens' experiences following sexual assault: A systematic review of qualitative research.
Shiboleth T, Weckesser A, Ross J, and Caswell RJ.
Sexually Transmitted Infections http://dx.doi.org/10.1136/sextrans-2019-sti.486

Rapid onset and progression of myelopathy following an STI: a case for screening?
Caswell RJ, Nall P, Boothby M, Taylor GP
Sex Transm Infect. 2019 Jun;95(4):244-245

Measuring experience and outcomes in patients reporting sexual violence who attend a health care setting: a systematic review
Caswell R, Ross JDC, Lorimer K
Sex Trans Infect. 2019;95:419-427

Emerging sexually transmitted viral infections: Review of human T-lymphotropic virus-1 disease
Caswell RJ, Manavi K

Dr. Nicola Thorley:
Collaborating with community pharmacists to deliver sexual health services. Published on the NICE Website as a shared learning example

A service evaluation comparing home-based testing to clinic-based testing for HIV, Syphilis and Hepatitis B in Birmingham and Solihull
P. Banerjee, V. Madhwapathi, N. Thorley, K. Radcliffe
(accepted for publication in International Journal of STD and AIDS in December 2019)

Dr Sarah Mensforth
Should we still use azithromycin for gonorrhoea treatment?
S Mensforth, JDC Ross
Sexual Health 2019;16:442–448 https://doi.org/10.1071/SH19016

Dr Claire Robertson:
Pregnancy Prevention and Contraceptive Preferences of Online Sex Workers in the UK
The European Journal of Contraception and Reproductive Health Care 2019
https://doi.org/10.1080/13625187.2019.1675624
Contributions to the NHS and/or Sexual Health

Prof. Jonathan Ross:

National
- Vice President – British Association for Sexual Health and HIV
- Diploma in HIV Medicine Examiner
- National Institute for Health Research
  o Journal Library Editor
  o Health Technology Assessment Grant Funding Committee
  o National Research Network lead for Sexual Health

International
- Treasurer – International Union against Sexually Transmitted Infections world executive
- Cochrane Collaboration Sexually Transmitted Diseases Editorial Review Group
- European STI Guidelines Editorial Board

Dr. Sarah Barrett:

National
- Member of the SAC and regional training programme director of GUM
- LTFT Regional Advisor

Dr. Meg Boothby:

National
- Examiner for Diploma in Genitourinary Medicine at the Society of Apothecaries of London.
- Undergraduate lead for Genitourinary Medicine at University of Birmingham Medical School
- Lead for Birmingham HTLV Service - Multidisciplinary clinic for the assessment and treatment of patients diagnosed with Human T-cell Lymphotrophic Virus (HTLV), of which there are only four in the UK
- Joint organiser of 4th National HTLV clinical workshop held in Birmingham on 24th May 2019

Dr. Rachel Caswell:

National
- Secretary for the Sexual Violence Special Interest Group of BASHH
- Teen’s experience of sexual assault (PhD project – supervisor R Caswell/J Ross)
- Day Course organiser for BASHH STI/HIV Course
- Guideline group for BASHH Guidelines HTLV Testing

Dr. Kulsum Jaffer:

National
- Training Programme Director for the Community Sexual and Reproductive Health Training Programme in the West Midlands
- Tier 3 educator for the development and delivery of education in a local/regional setting. Faculty of RCOG Medical Educators
• Examiner for the Membership of the Faculty of Sexual and Reproductive Health

Dr. Keith Radcliffe:
National
• Chair of British Association for Sexual Health and HIV (BASHH) Clinical Effectiveness Group
• BASHH Senior Editor on the Editorial Board of the journal Sexually Transmitted Infections
• Member of the Editorial Board of the International Journal of STD and AIDS

International
• Senior Councillor on the Council of the European Branch of the IUSTI
• Member of the World Executive Committee of the IUSTI
• Editor-in-Chief of the European STI Guidelines Project

Dr. Claire Robertson:
National
• Member of Clinical Governance Committee, BASHH
• Chair of the West Midlands, BASHH
• RCP Regional Specialty Adviser for GU Medicine
• Member of BASHH Adolescent Special Interest Group (ASIG)

Dr. Nicola Thorley:
National
• NICE Fellowship (April 2018-2021)
• NICE Adoption and Impact Reference Panel member
• PhD Co-supervisor for a Health Economics student at the University of Birmingham, measuring and assessing patient experience and satisfaction with sexual health services
• Supervision of fourth year Pharmacy undergraduate student at the University of Birmingham, undertaking a project within Umbrella “Evaluation of the Chlamydia Treatment Service provided by Umbrella Community Pharmacies, assessing whether the service is inclusive and accessible for all patient groups.”
• Umbrella annual patient satisfaction survey, in collaboration with UHB Health Informatics department.
• Contributed an interview and NICE shared learning case study discussions to publication for the Health Policy Partnership. Publication: Implementing a life-Course approach to Immunization - Lessons learned from international best practice in policy and programming: published at. https://www.healthpolicypartnership.com/project/life-course-approach-to-immunisation/
• Reviewer for International Journal of STD and AIDS
• Referee for STIRF Grant application (March 2019)

Dr. John Watson:
National
Organiser of the 10th National Infectious Diseases, Infection mimics and HIV Histopathology 2019 meeting: Theme for 2019 renal and urology.

**Dr. Kate Johnston**

**National**
- FSRH Trainer and Examiner for the DFSRH and Letters of Competence

**Dr. Penny Goold:**

**National**
- Member of BASHH Sexual Dysfunction Specialist Interest Group
- Seminar Leader for the Institute of Psychosexual Medicine (October 2019)
- Supervision of fourth year University of Birmingham Pharmacy undergraduate students undertaking final year projects.

**Dr. Kaveh Manavi:**

**National**
- Treasurer of BASHH
- Member of Clinical Governance Committee, BASHH
- Chair of West Midlands HIV Network
- Member of BASHH website group
- MRCP PACES examiner for Royal College of Physicians

**Dr. Ngozi Dufty:**

**National**
- BASHH Lead for STI/HIV Course
- BASHH Education Committee
- Health Education England Postgraduate Clinical Tutor
- Regional committees - West Midlands Foundation School Board, the Postgraduate School of Medicine Board, Regional Clinical Tutor committee
- National Recruitment Interview Panel (Health Education England and UK Foundation Programme)

**Armed Forces (Ministry of Defence)**
- Defence Specialist Advisor for Sexual Health and HIV
- Consultant Advisor (Army) Genitourinary Medicine
- Chair - Defence Sexual and Reproductive Health Expert Advisory Group
- Sexual Health Lead – Military Genitourinary Trauma Working Group
- Defence Lead – MOD STIF and accreditation
- Defence Clinical Lead – Conflict Related Sexual Violence

**Education**
- Associate Dean – Defence Deanery (Midlands)

**Dr. Denise Williams:**
National
- RCOG Faculty Development Framework Tier 2 educator for the development and delivery of education in a local/regional setting
- FSRH Instructing doctor in Birmingham/Solihull Training Programme

Dr Sarah Mensforth:
National
- Member of BASHH Sexual Violence Special Interest Group (SVSIG)
- Day Course organiser for BASHH STI/HIV Course

Dr. Hannah Church
National
- Doctors in Training representative to BASHH board
- Doctors in Training representative to the Royal College of Physicians GUM Specialist Advisory Committee