

catherine.weir@gmail.com • <https://www.linkedin.com/in/catherine-weir-413889166/>

07814 129019 • WA8 9LW, Widnes, UK

Accomplished and results-oriented professional with extensive experience in biomedical research, data analysis, blood sciences and microbiology, and diagnosing patient illness. Well-versed in transfusion, haematology, biochemistry, processing both urgent and routine full blood count samples, monitoring blood stocks, issuing anti-D immunoglobulin, and performing various blood screening tests. Proved instrumental in complying with standard laboratory protocols as well as operating and maintaining laboratory instruments and systems to ensure seamless operations. **Areas of Expertise include:**

- Strategic Planning & Analysis
- Biomedical & Microbiology
- Pharmacology & Toxicology
- Manual Cross-Matching
- Equipment Maintenance
- Staff Training & Leadership
- Blood Bank Management
- Processing Blood Samples
- Inventory Management

Professional Experience

AIM COMMERCIAL CLEANING LTD • Canterbury • Jan 2018 – May 2018

CLEANING OPERATIVE

Delivered highest-level of housekeeping service within area of responsibility as per clients' specifications. Ensured regular inspection and cleanliness of equipment/machines to ensure seamless operations.

Key Accomplishments:

- During this role I had to take on the role of supervisor for a small team, to ensure the area was cleaned to the required standard for the client.

CATCHING LIVES BOOKSHOP • Canterbury • Nov 2017 – Jan 2018

GIFT AID ASSISTANT

Coordinated with the volunteer team, to ensure filing and retrievability of all Gift Aid forms relating to book donations. Maintained digital records of all new / amended Gift Aid amounts, and maintained an Excel spreadsheet for transfer onto the tax office website, ensuring compliance with the required standards.

Key Accomplishments:

- Helped the Gift Aid co-ordinator correct and maintain the Excel spreadsheet, when we became aware of significant errors in the running total amount of Gift Aid, due to another member of staff not following the correct procedure for updating the spreadsheet.

VARIOUS ORGANISATIONS • Various Locations • Feb 2008 – Aug 2017

BAND 5 BIOMEDICAL SCIENTIST & BAND 6 BIOMEDICAL SCIENTIST

Booked and processed both urgent and routine samples for transfusion, haematology, and biochemistry and authorised results. Performed various tests such as patient blood groups, antibody screening, manual cross-matching, Direct Coombs (DCT) tests, new-born groups, basic phenotyping (Rh antigens & Kell), and antibody panels to detect the presence of unexpected antibodies. Issued anti-D immunoglobulin, platelets, cryoprecipitate, FFP, Beriplex, and Voncento to prevent Rh isoimmunisation in mothers. Estimated the volume of FMH by processing Kleihauer samples on pregnant women which involves making, staining, and examining of Kleihauer slides and faxed INR results to Haemophilia Centre for dosing of Warfarin patients.

Key Accomplishments:

- Ensured seamless project operations through prompt maintenance and operation of the various analysers ranging from Sysmex 2100, Stago STA-R Evolution to 311 and 411 Biochemistry analysers.
- Managed blood bank operations including monitoring blood stocks and ordering blood to simplify and automate the process of searching for blood in case of emergency.
- Created and delivered blood films to haematologist for further examination and clinical comments.

Continued...

SCARBOROUGH HOSPITAL • Scarborough • Jan 1999 – Jan 2008

BAND 5 BIOMEDICAL SCIENTIST & BAND 6 BIOMEDICAL SCIENTIST

Conformed to predefined standards and accordingly labelled up, booked, and processed microbiology as well as immunology samples on the Abbott AxSym immunoassay analyser, chlamydia swabs, and male urine samples by using the Cobas Amplicor PCR instrument. Processed tissue samples removed in theatre and removed during the revision of hip and knee replacements as well as sputum, ascitic, and pleural fluids for TB culture, read the LJ slopes, examined auramine films, and packed positive TB cultures for referral to mycobacteria reference unit.

Key Accomplishments:

- Performed manual cell counts on all ascitic and pleural fluids as well as CSF samples, and stained and examined Gram films and organisms to determine the concentration of cells in a liquid sample.
- Identified causative organism and provided clinician with an antibiotic sensitivity by processing routine blood samples using Becton Dickinson Bactec 9000 analyser and culturing positive blood cultures.
- Collaborated effectively with clinicians and consultant microbiologist to provide results of samples submitted and to follow-up positive blood cultures, immunology tests, and cultures from swabs.

Education & Courses

Post Graduate Diploma in Medical Microbiology
UNIVERSITY OF THE WEST OF ENGLAND | UK

Bachelor of Science (Honours) in Pharmacology
UNIVERSITY OF THE WEST OF ENGLAND | UK

RSA Certificate in Computer Literacy and IT | Practical Introduction to Transfusion Science
Blood Sciences | ECDL Level 2

Skills and Interests

During my membership of the Army Reserve I previously delivered four presentations to the local NHS Hospitals in Scarborough, York and Canterbury on being a biomedical scientist in the military. I have regularly attended the IBMS conference with the Army Medical Services Recruiting Team and I have also participated in Open Days at Strensall Barracks. This gave me the opportunity conduct a tour of the Hospital Exercise to encourage new applicants to the Army Reserve.

Since leaving the Army Reserve in June 2015 I have become an active member of the Royal British Legion and have supported fellow veterans with attending Remembrance Sunday Services, fundraising and attended the Annual RAMC Carol Concert in 2015. I was recently involved in helping to organise the Poppy Ball for March, to commemorate the centenary of the end of World War 1, which was a huge success.

In my spare time I am a member of the Merseyside Mountaineering Club and play the clarinet. In addition to this I also regularly participate in World War 2 re-enactment events locally.

References available on request.