



Pharmacy Department

Pharmacy Summer Vacation Student

Information Pack



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This booklet has been designed to give a brief overview of Chelsea and Westminster, the Pharmacy department and the experience you may receive whilst working here.



1. Chelsea and Westminster Hospital NHS Foundation Trust

Our Trust is a teaching organisation linked to the Imperial College School of Medicine. Chelsea and Westminster Hospital NHS Foundation Trust is comprised of two main hospital sites:

- Chelsea and Westminster Hospital
- West Middlesex University Hospital

We offer a range of community based services, including our award winning sexual health and HIV clinics across London.

With more than 6,000 staff caring for over 1.5 million people locally, regionally, nationally and internationally, we provide a range of specialist clinical services as well as general hospital services for people living locally, which include A&E and maternity at both our hospital sites.

Our ambition is to lead the NHS with world class patient focused healthcare, delivered locally. We are driven by a culture of caring, bringing the best from around the world to deliver excellence in research, treatment and care.

Chelsea and Westminster Hospital Site

Chelsea Site is based on Fulham Road in the Royal Borough of Kensington and Chelsea, within walking distance of the lively Kings Road and several world famous museums (such as the Natural History and the Science Museums)

The hospital is located in central London with excellent transport links via bus (11, 14, 22, 211, 328, 414, 345 and C3) or tube (Earl's Court, Fulham Broadway and South Kensington, all within a 10 – 15 minutes' walk to the hospital).

Chelsea and Westminster is a teaching hospital linked to the Imperial College School of London. The hospital opened in 1993 following the reorganisation of services from St Stephen's, Westminster, Westminster Children's, West London and St Mary Abbot's Hospital. The hospital has approximately 430 inpatient beds and was ranked one of the top 5 hospitals in England for low mortality rates in the latest Dr Foster Hospital Guide.

Chelsea and Westminster Hospital covers a wide range of specialties, that are divided into the following five directorates: Medicine and the Emergency Department (ED), Anaesthetics and Imaging, Surgery, Women's and Children's and HIV and GUM.

The building is quite unlike any other hospital. As you walk through the entrance, you will understand why Chelsea and Westminster Hospital has been described as having "a feeling of light and space, unusual to most other hospitals". Chelsea and Westminster hospital became a Foundation Trust in October 2006 which has made the Trust more accountable to patients, the public and our staff.

Art, sculpture, photography, music and performance contributed by staff, patients and friends of Chelsea and Westminster are a prominent feature of the hospital and are promoted by the Arts of Health. Chelsea and Westminster Hospital has excellent educational facilities ranging from the on-site library, research laboratories and lecture rooms.



West Middlesex University Hospital Site

West Middlesex site is based in the London Borough of Hounslow, near Richmond, the River Thames and Twickenham Rugby Stadium.

The hospital has several transport links via bus 110, 117, 481, 267, H28, H37, 235, 635, 237 and N9), rail (Syon Lane and Isleworth) and tube (Hounslow East on the Piccadilly line which is 1.5 miles away)

West Middlesex has a long history of pioneering, innovative healthcare.

It opened in 1894 as the Brentford Workhouse Infirmary and became known as West Middlesex Hospital in about 1920.

The new building was built between 2001 and 2003, when the original buildings were deemed to be no longer suitable for the needs of the hospital. Approximately half of the original site was sold, allowing refurbishment of two remaining buildings at the east of the site.

Today it is at the heart of the local community: a modern, award-winning hospital with state of the art facilities.

Trust Values

The Trusts values demonstrate the standard of care and experience our patients and members of the public should expect from all of our services. These will underpin the work of the Trust and it is expected that staff will work to these values on a daily basis. The values are PROUD:

- Putting patients first
- Responsive to, and supportive of, patients and staff
- Open, welcoming and honest
- Unfailing kind, treating everyone with respect, compassion and dignity
- Determined to develop our skills and continuously improve the quality of care.

2. The Pharmacy

Chelsea and Westminster site:

We operate one of the most modern and efficient pharmacy services in the UK with shorter patient waiting times and a safer, more effective service for patients. The spacious department which includes an inpatient dispensary, pneumatic air tubes for fast delivery of medication to wards, directorate specific clinical offices and at the heart of stock control and dispensing there is a state of the art £500,000 robotic dispensing system that dispenses and labels drugs. The robot reduces the risk of dispensing errors and also helps reduce waste by monitoring expiry dates. Using a robot releases pharmacists and technicians from traditional stock control and dispensing duties so that they can spend more time on wards helping patients with their medication and sharing their expertise with clinical staff to improve prescribing and clinical administration.

Medication is ordered through the Trust electronic patient record system and using the Trust's computerised dispensing system. A HIV satellite pharmacy is based in the adjacent St Stephen's Centre, which is of the largest HIV treatment centres in Europe. Our sexual health clinics offer



tests for sexually transmitted infections (including HIV), contraceptives including the morning after pill (emergency contraception), condoms, pregnancy testing, Hepatitis A and B vaccinations, safer sex education and support/counselling.

West Middlesex site:

The West Middlesex Pharmacy Department is a friendly department which puts patient safety at the heart of all its activities. Similar to the Chelsea site, efficiency is one of our key priorities, with a newly updated robot dispensing system to provide both stock drugs and dispensed items, reducing waste and increasing accuracy.

Pharmacists spend time on the wards every day, supporting patients, medical and nursing staff to improve the management of medicines at all levels, a process supported by a state of the art electronic prescribing and patient administration system (ePMA).

We have separate inpatient and outpatient dispensaries so that each team can concentrate on improving efficiency in their area, as well as allowing trainees to practise and refine their counselling skills for outpatients.

3. Services*3.1 Clinical Services***Chelsea and Westminster site:**

Clinical pharmacy is tailored to reflect the Trust's directorate structure. There are five teams of pharmacists and technicians which provide a comprehensive clinical pharmacy service to the hospital.

Medicine and ED	A&E (including UCC), Cancer services, Cardiology, Care of the Elderly, Dermatology, Diabetes, Endocrinology, Gastroenterology, Haematology, Microbiology, Neurology, Oncology, Renal (kidney) medicine, Respiratory, Rheumatology, Stroke and TIA.
Surgery	Burns, Colorectal surgery, Craniofacial surgery, General surgery, Hands unit (hands and wrists), Ophthalmology, Pain management, plastic surgery, Podiatry surgery, The Treatment Centre, Trauma and orthopaedics, Upper GI and colorectal, Urology, Vascular surgery, Weight loss surgery, Wound Care.
Women's and Children	Early pregnancy, Fertility services, Gynaecology services, Perinatal service, Obstetrics, NICU, Paediatrics, Neonatal and Paediatric TPN.
Anaesthetics and Imaging	Adult TPN, Day Surgery, ITU, Pain and Palliative Care, Phlebotomy, Resuscitation, Theatres, X-ray.
HIV and GUM	John Hunter Clinic, 10 Hammersmith Broadway, Kobler outpatient's clinic, Kobler day care unit, 56 Dean Street.

The service is tailored to meet the needs of the individual directorates and focuses on the provision of patient centred care at the bedside. The resident pharmacists provide the vital links and support to deliver an exceptional service 24 hours a day.

All pharmacists are encouraged to participate on ward rounds, write discharge prescriptions following accreditation, undertake pharmacy practice research and further develop clinical



pharmacy. Some of the duties of ward based pharmacy technicians include taking drug histories, assessing the use of patients own drugs, ordering medicines, discharge co-ordination and counselling patients on the correct way to take their medication. Pharmacy technicians are also encouraged to undertake the Accredited Checking Pharmacy Technicians (ACPT) course to undertake a final accuracy check of clinically screened prescriptions.

West Middlesex site:

The clinical team at West Middlesex comprises the Associate Chief and Principal Clinical Pharmacists, Lead Directorate Pharmacists, specialist pharmacists and rotational pharmacists, along with Medicines Management Technicians and Trainee Pharmacists.

The service is focussed around providing the best possible care for patients, and streamlining the process from admission to discharge. Medicines reconciliation is undertaken on all wards, and many of the pharmacists attend ward and MDT rounds. Patient safety is a priority.

Clinical Pharmacy services are supplied to all wards and our specialist anticoagulant clinic. The different specialty areas include our award winning maternity unit, Anticoagulant Clinic, Intensive Care, Respiratory, Gastroenterology, Cardiology, General Surgery, Orthopaedics, Paediatrics, Stroke, Heart Failure and Care of the Elderly.

Specialist pharmacists participate in supporting the Antimicrobial Stewardship programme, haematology and oncology, anticoagulation, Planned Care, Medicine, Paediatrics, Critical Care and Care of the Elderly.

3.2 Patient Services (both sites)

The supply of medicines is the backbone of the overall pharmacy service. Considerable investment has been made to ensure that this essential service continues to serve the Trust needs.

In May 2003, the robotic dispensing system was installed as part of a wider pharmacy modernisation programme and electronic prescribing was fully rolled-out on the Chelsea site by autumn 2010. A new electronic prescribing system was introduced across both sites in 2019 – 2020, enabling greater communication and collaboration about patient care. Our progressive, innovative approach to pharmacy service delivery enables technical staff to spend greater time on wards ensuring efficient patient discharge and comprehensive medicines counselling.

3.3 Technical Services (both sites)

Chelsea and Westminster Hospital is one of the hospitals in the West London Cancer Network area and provides comprehensive cancer care via a multidisciplinary team to defined patient groups. The hospital is also a national specialist centre for malignancy associated with HIV infection.

As well as providing clinical pharmacy to oncology and haematological malignancies (WM), both technical services departments compound all cytotoxic chemotherapy using standard isolator technology. In addition, sterile clinical trial products are prepared. The Technical Services team at West Middlesex are part of the nutrition team, involved in recommending appropriate Total Parenteral Nutrition (TPN) regimens for patients requiring TPN and ensuring this is ordered and supplied for these patients.



3.4 Medicines Information

Medicines Information for both sites is provided by Chelsea and Westminster Hospital. A well-resourced Medicines Information service supports the safe, effective and efficient use of medicines by the provision of evidence-based enquiry service. Staff in this area respond to all aspects of drug therapy. The service answers a range of enquiries that supports medicines management within the Trust and supports the pharmaceutical care of individual patients. Medicines Information also has a designated patient help-line for providing medicines information directly to patients. With an increase of HIV-related enquiries, the centre is a UKMI Specialist HIV advisory centre and is able to advise other secondary/tertiary organisations.

The use of unlicensed medicines within the Trust is also managed by the Medicines Information team, and support to the Chelsea and Westminster medicines committee is also provided through new drug evaluations and the updating of the formulary that is published on the Trust website.

4. Education and Training

There is a commitment within the department and throughout the London region to ensure that individuals have the opportunity to develop their skills and strengths. In addition to our own in-house training, we also participate in the region's extensive training programme for pharmacists, technicians, trainee pharmacist graduates and vocational students. There is extensive investment in the training for all staff. Post-graduate education is considered a vital part of staff training needs and staff are encouraged to undertake the appropriate preparation required to develop themselves in relation to their professional goals. All staff have performance development reviews and individualised personal development plans.

5. Vacation work experience

Chelsea and Westminster site:

Work experience placements are usually for a four-week period. A student will be placed in one area for the duration of the four weeks and will be project based. Areas where the students were based in previous years include HIV, Medicine, Women's and Children's, Anticoagulation, Antibiotics, Clinical Governance, Electronic prescribing and Research. If you have a preference for anyone of these or an alternative area of the pharmacy department please indicate this on your application form. There will also be an opportunity during this time to gain an insight into many different areas of the pharmacy department and the services provided, for example:

- Inpatient Pharmacy
- Outpatient Pharmacy
- Kobler (HIV) dispensary
- Technical Services
- Purchasing
- Distribution
- Medicines Information
- Electronic Prescribing/Clinical
- Other clinical areas

In addition, you will also have an opportunity to accompany pharmacists on the wards.

West Middlesex site:



Work experience placements are for four weeks and aim to give you an insight into the role of a trainee pharmacist, with mini-rotations throughout the department where you will shadow relevant staff or participate in providing the service. You will also be asked to undertake a project for the department.

Rotational areas include:

- Patient Services (inpatients and outpatients)
- Clinical Services
- Technical Services
- Procurement
- Stores and Distribution

5.1 Terms and conditions (unpaid experience)

<i>Hours of work</i>	Monday to Friday 9am to 5pm For a fixed period of 4 weeks
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6. Miscellaneous

6.1 Social activities

Both Pharmacy departments have a strong tradition of being a social bunch! The department has seen it as a challenge to make the very most of the extensive restaurant and bar facilities along Fulham Road and around West Middlesex. Other local sports and fitness clubs are available at a reduced subscription e.g. Virgin Active. Staff can also take advantage of the various discounts available at local shops, restaurants and bars located in the area.

7. Contact Details

For Further information, please contact:

Chelsea and Westminster site:

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West Middlesex site:

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