

**MANCHESTER
CANCER
RESEARCH
CENTRE**

Why **Manchester?**

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www.mcrc.manchester.ac.uk



Welcome

Welcome to this guide that will show you why Manchester is the place to be.

This short introduction has details on our partners here at the Manchester Cancer Research Centre (MCRC), and an overview of the opportunities that are available.

It will showcase exactly what this great city has to offer, and give you a flavour for what life is like should you move here for work or study.

Professor Rob Bristow
MCRC Director



The University of Manchester

MANCHESTER
1824

The University of Manchester

www.manchester.ac.uk

The University of Manchester is the UK's largest single-site university and one of its most successful research-focused institutions.

At The University of Manchester, research takes place across and between Faculties and Schools, allowing for a blend of specialised approaches and interdisciplinary innovation.

Cancer is one of five 'research beacons' called out by the University as an area that features a unique concentration of high-quality research activity.

The Faculty of Biology, Medicine and Health

The Faculty of Biology, Medicine and Health was created on 1 August 2016 when the Faculty of Life Sciences and the Faculty of Medical and Human Sciences were brought together in a new, integrated structure to deliver a

truly translational approach to the life sciences, ensuring smooth research pathways – from pure discovery science through to clinical application and patient care.

This integration within a single faculty, particularly in a region with notable health inequality, provides us with the opportunity to have a very significant and positive impact on people's lives.





The Christie NHS Foundation Trust

The Christie is the largest single-site cancer centre in Europe and is world renowned for exceptional care, treatment and research of cancer.

Rated 'outstanding' by the CQC, The Christie serves a population of 3.2 million across Greater Manchester and receives a quarter of its referrals from outside the city region.

The Christie has been delivering world-first breakthroughs for more than a century and has one of the biggest clinical trials units in Europe. It has been

named by the National Institute for Health Research (NIHR) as one of the best hospitals for providing patients with opportunities to take part in clinical research studies: one in seven Christie patients receives therapies through participation in research.

The Christie is home to the NIHR Manchester Clinical Research Facility which develops the infrastructure for specialised early-phase cancer experimental research. A recent £3m investment allowed the unit to expand its treatment facilities and improve patient experience, and will help the city to build on its reputation as the leading experimental cancer medicine centre in the UK.

In addition, The Christie is also a partner in the NIHR Manchester Biomedical Research Centre which provides £12m funding for the discovery and translation of lab-based science into treatments.

The Christie is now home to one of only two high-energy NHS proton beam therapy (PBT) centres in the UK – the other is being built at University College London Hospitals NHS Foundation Trust (UCLH).

The Christie's location across the road from the MCRC building allows clinicians and scientists to work together to produce the best translational science, which can inform best practice and care for our patients.

Cancer Research UK



www.cancerresearchuk.org

Cancer Research UK (CRUK) is the world's largest charitable funder of cancer research. Its work into the prevention, diagnosis and treatment of cancer has been at the heart of the progress that has already seen survival rates in the UK double in the last forty years.

Cancer Research UK supports research into all aspects of cancer through the work of more than 4,000 scientists, doctors and nurses nationwide. Together with its partners and supporters, Cancer Research UK's vision is to beat cancer sooner.



Richard Marais
CRUK MI Director
CRUK Manchester
Centre Co-Director



Rob Bristow
MCRC Director
CRUK Manchester
Centre Co-Director

Cancer Research UK created the Cancer Research UK Manchester Centre in 2015 following the award of Major Centre status. We are currently the longest running major centre in the UK.

The establishment of the Cancer Research UK Manchester Centre recognises the strength of the partnership in Manchester and the potential to dramatically improve treatment for cancer patients.

Centre funding supports ground-breaking translational research across five key themes: biomarkers, molecular pathology, radiotherapy, experimental cancer medicine, and prevention and early detection.



The CRUK Manchester Institute

The CRUK Manchester Institute (CRUK MI) is a leading cancer research institute within The University of Manchester, covering the whole spectrum of cancer research – from investigating the molecular and cellular basis of cancer, to translational research and the development of therapeutics.

The Institute supports a number of investigative programmes, spanning both basic and translational cancer research. It has excellent laboratory facilities and outstanding core services, including genomic sequencing, high-resolution microscopy, bioinformatics, histology, and access to mass-spectrometry based proteomics.

The Institute has over 400 Postdoctoral Scientists, Clinical Fellows, Scientific Officers, Operational and Technical staff, Postgraduate Research Students and Visiting Fellows.

www.cruk.manchester.ac.uk

Manchester

Manchester is home to a diverse, energetic and welcoming population. The city has a strong history of science, music, sport, arts and politics, making it a fantastic place to live and work.

Manchester has been listed as the UK's most liveable city, in terms of political stability, crime, education and access to healthcare, 13 places above London*.

This section of the guide will showcase a few highlights from the unique and eclectic array that Manchester has to offer.

Eight things to know about Manchester

- 1.** The first modern computer was built here.
- 2.** We have the oldest library in the English speaking world.
- 3.** Emmeline Pankhurst, the leader of the Suffragette movement was born here.
- 4.** Over twenty Nobel Prize winners have worked at The University of Manchester.
- 5.** The Football League was created here.
- 6.** The atom was first spilt at The University of Manchester by Ernest Rutherford in 1917.
- 7.** Manchester signed a historic devolution deal in 2015, which decentralised public health services so they are run locally rather than nationally.
- 8.** Manchester has the largest airport outside of London in the UK. It provides direct flights to over 225 destinations.

Housing

There is a huge range of housing to choose from when coming to Manchester, ranging from duplex flats in the city centre to Victorian terraces in leafy Didsbury. We have listed some of the popular areas to live below:

- City Centre:
 - Deansgate
 - Ancoats
 - Northern Quarter
 - Green Quarter
- Didsbury
- Chorlton
- Heaton Moor
- Hale
- Altrincham
- Wilmslow
- Poynton
- Cheshire



Transport

The MCRC is within 15 minutes drive of Manchester International Airport, making it ideal to those researchers who travel regularly for work. You can also reach the airport within 20 minutes from the city centre rail stations.

Three major train stations serve the city: Manchester Piccadilly, Manchester Oxford Road and Manchester Victoria. London is currently 2 hours away by rail and with the arrival of High Speed 2 (HS2) to Manchester in 2032 we will be linked to London via train in less than 70 minutes.

Manchester also has an excellent network of local bus, rail and tram services, all operating at very reasonable costs. This includes tram services to West Didsbury, which is within a 10-minute walk of the MCRC, and bus services that arrive and depart directly outside the building.



Schools, education and childcare

Nursery and early age

There are many fantastic nursery options in very close proximity to the MCRC and The Christie.

The Christie Day Nursery and Monkey Puzzle Day Nursery are both located within less than 5 minutes walk of the hospital and MCRC.

Primary schools

Primary schools cater for pupils from five years to 11 years, they can be split into infant school for 5-7 year olds and junior schools for 7-11 year olds.

Usually, children go straight from primary school to secondary/high school at the age of 11, however, some areas operate middle schools (age 10-14).

Secondary schools

Young people in the UK are required to stay in some form of education or training until their 18th birthday. This does not necessarily mean staying in school: there are other options for full or part-time education or training, or apprenticeships.

South Manchester has excellent state and private school options, including Manchester High School For Girls and The Manchester Grammar School.

For more information:

Visit the Manchester City Council's Schools and education website www.manchester.gov.uk/education

Higher Education

The University of Manchester is the UK's largest single-site university, with the biggest student community. The University has over 40,000 students and more than 1,000 degree programmes.

Our campus is the largest estate in UK higher education, with 229 buildings across 270 hectares, and includes 30 listed buildings.

Manchester also has two other universities, Manchester Metropolitan University and the University of Salford.



The University of Manchester campus

Weather

Manchester offers a temperate climate with mild summers and cool winters. The city is well equipped for those hot days with numerous parks and outdoor spaces in the city centre and surrounding areas.

Manchester Town Hall



Canal Street, Gay Village

Royal Exchange Theatre



Entertainment and Culture

Manchester has an exciting and diverse cultural scene. It hosts a number of intimate live music events, as well as large-scale venues such as the Manchester Arena, Manchester Central, Bridgewater Hall and the Apollo. We enjoy a rich arts scene, including HOME, the Manchester Art Gallery, Whitworth Art Gallery and numerous theatres showcasing the best of traditional and contemporary culture. The city's Gay Village centres on Canal St, which is a lively

hub of entertainment and culture and hosts Manchester Pride each August bank holiday weekend. There are also a number of music and literary festivals including the biennial Manchester International Festival and the Manchester Literature Festival.

A more recent addition to Greater Manchester's cultural scene is Media City UK, a new waterfront destination that has been home to the BBC since 2011, producing many television and radio shows.



Whitworth Art Gallery



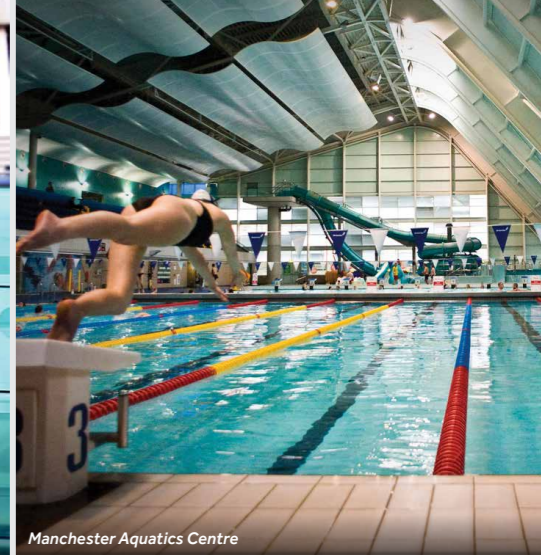
St Ann's Square



Exchange Square



Old Trafford Football Stadium



Manchester Aquatics Centre



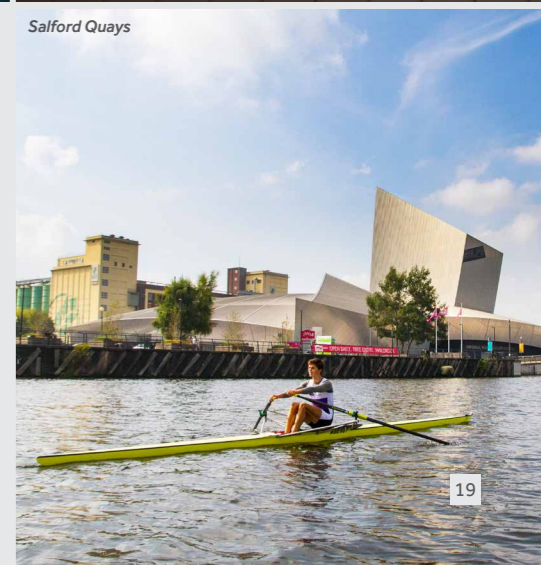
Shopping

Shopping is equally eclectic, from the designer boutiques of King Street and Spinningfields to high street chains and the bohemian and vintage offering of the Northern Quarter. Five miles from the city centre, the Trafford Centre is home to over 200 stores along three miles of granite and marble boulevards.

Sport

To complement The University of Manchester's world-class facilities, sports fans can find plenty to keep them busy in Manchester. For football fans, Manchester United's Old Trafford ground and Manchester City's impressive Etihad Stadium are close by, as are the Olympic-size swimming pool at Manchester Aquatics Centre, Manchester's velodrome at the National Cycling Centre and Lancashire County Cricket Club.

Alongside watching professional sports, the city offers access to numerous clubs and societies for all sports and hobbies. The University of Manchester runs numerous sports programme for Staff, and students have 40 sports clubs to choose from that cater for all levels, from beginners to elite athletes.



Salford Quays

Food and drink

Manchester has a great reputation for food and drink. Diners across Manchester are spoilt for choice, with international restaurants to be found round every corner, including Thai, Brazilian, Greek, Italian and Spanish, while the famous 'Curry Mile' in Rusholme offers over 50 restaurants serving Indian, Pakistani, Bangladeshi, Lebanese, Turkish and Afghan food. The Northern Quarter boasts a world famous hub of restaurants and bars.

Manchester's bustling China Town is also central – host to many Chinese and Japanese restaurants and shops. There are lots of Halal and Kosher retailers around the city, as well as a range of vegetarian and vegan cafes. The city also hosts the Manchester Food and Drink Festival, a nationally acclaimed urban food and drink festival that takes over much of the city and includes a huge programme of events.



Architecture

The architecture of Manchester demonstrates a rich variety of architectural styles from the Victorian to the contemporary, resulting in a distinctive cityscape. The city is a product of the Industrial Revolution and is known as the first modern, industrial city as can be witnessed in its countless warehouses, cotton mills and the famous canals. Historic public buildings include the Town Hall, Victoria Baths and the neo-gothic John Rylands Library, while many warehouses and mills have been converted to stylish living spaces. The striking Beetham Tower dominates the modern skyline, and tree-lined streets and leafy parks afford a refreshing break from the hustle and bustle of the city centre.



Manchester Town Hall

Green Manchester

- Manchester is on course to cut carbon emissions by 48% between 1990 and 2020.
- As a result of a landmark Green Summit, held in 2018, the city is now exploring how it can become carbon neutral by at least 2040.
- Accessible by car, train and bike Manchester is just next door to the famous Peak District National Park which is 555 square miles (1,438 square kilometres) in size, and covers parts of the counties of Derbyshire, Yorkshire, Staffordshire, and Cheshire.



Lake District National Park

Countryside and Trusts

Manchester also offers the opportunity to experience both the city and countryside within close proximity.

Many academics choose to live rurally and enjoy a picturesque commute to work or into the city.

As well as being close to the Peak District, the city is not far from the Lake District and Snowdonia National Parks. The countryside offers unparalleled scenery and vast locations for walking, hiking, cycling, climbing, camping and more.

The National Trust owns and protects historic houses, gardens and industrial monuments, offering paying visitors the chance to glimpse England's past. It also manages many sites of natural beauty, most of which are open to the public free of charge.

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