

The College

The College of Medicine and Health (CMH) is the largest of the University's five Colleges with over 1,700 members of staff ensuring teaching and research excellence across a wide range of pre-clinical and clinical disciplines.



College overview and structure

The College structure is aligned under three schools (Principal Academic Units): the School of Medical Sciences, the School of Health Sciences and the School of Infection, Inflammation and Immunology. Within these three schools sit fifteen different departments, including our clinical trials units:

School of Medical Sciences:

- Cancer and Genomic Sciences
- Cardiovascular Sciences
- Metabolism and Systems Science
- Birmingham Medical School
- Cancer Research UK Clinical Trials Unit (CRCTU)

School of Health Sciences:

- Pharmacy
- Dentistry
- Nursing and Midwifery
- Applied Health Sciences
- Birmingham Clinical Trials Unit (BCTU)

School of Infection, Inflammation and Immunology:

- Immunology and Immunotherapy
- Inflammation and Ageing
- Microbes, Infections and Microbiomes
- Biomedical Sciences
- Clinical Immunology Service

Our departments are in identified areas of high-performing research and teaching excellence, each with an ambitious strategy and empowered leadership. We draw together outstanding academic, clinical, and professional services staff around coherent and highly collaborative themes.

Professional services

A diverse range of committed and high-performing professional services staff, managed through integrated College-wide teams, underpin, and provide support to the establishment, development, and delivery of all aspects of the College's activity. They support academic staff and students and provide core functions and support services in addition to delivering specialist technical services.

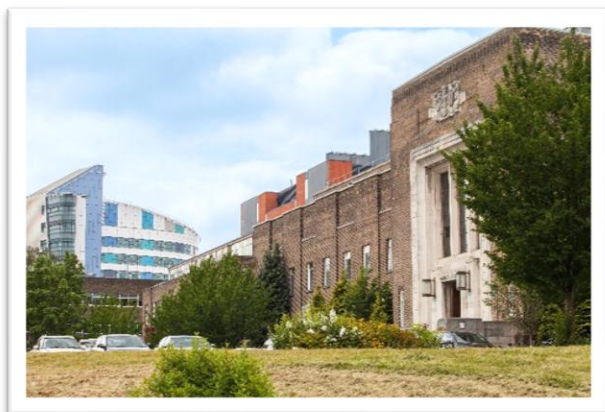
The model of central management with localised focus and delivery provides flexible, high-quality support according to academic need. The teams operate in close and effective partnership with colleagues across campus and in the NHS.

College location

The principal base of the College is part of the main campus of the University in Edgbaston, one of the largest single-site biomedical campuses in the UK, co-located with Queen Elizabeth Hospital Birmingham, Birmingham Women's Hospital, and the Barberry Hospital.

The College is at the heart of the Birmingham Health and Life Sciences District (BHLSD), a leading UK and international hub for healthcare innovation and research, accelerating the development, testing, and implementation of new treatments, technologies, and models of care by harnessing collaboration between academia, clinicians, industry, and the community.

There are also a number of other key buildings both on and off-campus, including [the new £225million Birmingham Health Innovation Campus](#) development on-site with Bruntwood SciTech, as well as the Birmingham Dental Hospital and School of Dentistry at Pebble Mill, just a mile from the central campus.



Research

With over 900 academic staff and around £100 million new research funding per year, CMH represents a major international centre for biomedical and health research.

Our overall research objective is to develop and promote excellence in basic and clinical science with the goal of delivering improvements in human health. We take pride in a truly translational pipeline, delivering cutting edge clinical trials and patient studies, underpinned by cell and molecular biology research on both model organisms and humans.

Our research is supported by peer-reviewed multi-million-pound funding from a broad range of funders, including UK Research and Innovation, medical research charities such as Wellcome, Cancer Research UK, Blood Cancer UK, Arthritis UK and the British Heart Foundation as well as the National Institute for Health and Care Research and the European Union.

This is complemented by strategically important support from other government bodies (such as

Birmingham City Council, West Midlands Combined Authority, the Department of Health & Social Care, and Office for Life Sciences) and increasing funding from industrial partners including large pharmaceutical companies and SMEs.

The Research Excellence Framework (REF) 2021 confirmed our position among the UK's top research universities:

- Our Clinical Medicine (UoA 1) research saw significant growth, as demonstrated by our rise from 25th in REF 2014 to joint 11th (GPA) with a research power ranking of 6th
- Our Public Health, Health Services and Primary Care (UoA 2) research is in the UK's top 5 (GPA) with a research power ranking of 12th
- 100% of our impact case studies in UoA 2 were deemed to be 4* – outstanding in terms of reach and significance.
- We are ranked in the UK's top 20 (GPA) institutions for Allied Health Professions, Dentistry, Nursing and Pharmacy (UoA 3)

With an average field weighted citation impact of 2.30 for medical and dental sciences, our research is truly world-leading; over 25% of our publications appear in the top 10% cited papers worldwide. Our collaborative ethos and the multi- and inter-disciplinary nature of our research are highlighted by the fact that over 75% of our publications are developed in collaboration with national and international partners.

Our Schools and departments

Our departments are responsible for driving the further development and delivery of priority themes identified in the wider University Strategic Framework 2030. They are championing interdisciplinary collaboration across the University's Colleges, in partnership with our regional NHS Trusts and with a host of UK and global collaborators. Each department contributes to our translational pipeline, supporting fundamental research excellence through to clinical and applied health programmes.

This strategy ensures that our research delivers real impact in health and wealth generation and that our educational programmes are informed by our research strengths. Co-location and core focal points for each of the departments ensure cohesion, while at the same time promoting cross-Institute working and collaboration.

This is further enabled through access to key College and/or cross-campus-managed facilities and resources and the provision of high-quality professional services support including core academic, technical and specialist administration in support of teaching and research delivery.

School of Medical Sciences:

The School of Medical Sciences brings together world-leading clinical and discovery researchers and educators, alongside cutting-edge, early phase trial methodologies and systems modelling, to transform patient outcomes from some of the most important health challenges facing our population. This includes cancer, cardiovascular disease, diseases of metabolism and women's health and fertility. We complement our cutting-edge trial methodologies and systems modelling expertise with one of the UK's highest ranking Medical Schools, to support the NHS and prepare the healthcare professionals of tomorrow.

Cancer and Genomic Sciences

The department of Cancer and Genomic Sciences combines world-class discovery science and genomics expertise with on-site clinical trials and surgical units. Our integrated approach empowers us to advance our understanding of the molecular basis of cancer, while also designing the next generation of cancer treatments and better surgical protocols to improve patient outcomes.

Our cancer research programme provides a better understanding of the genetic abnormalities that underlie the development of cancer. By using high throughput methods to study the whole genome, we are discovering how [complex regulatory networks become the targets of cancer genes](#). Parallel studies of basic molecular mechanisms that control normal cells help us to define the specific pathways that become deregulated in cancer.

Our research programmes in the discovery science arena are wide-ranging and cover cancer cell and stem cell biology, viral oncology (EBV and HPV) and genome biology. These combined approaches allow us to determine how genetic abnormalities lead to cancer and help us to identify molecular pathways that can be used as new targets for novel therapies. To support our research, we are developing new strengths in genomics and bioinformatics.

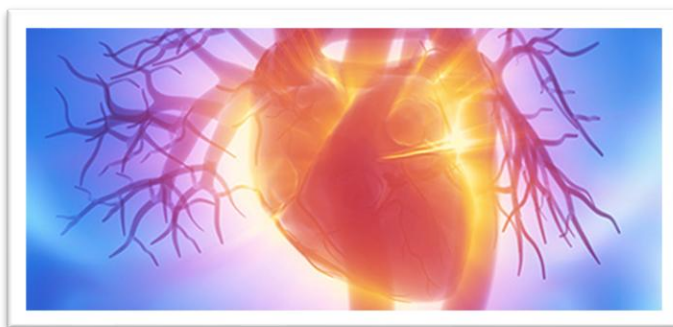
Our surgical units work closely with our clinical trials unit to develop better surgical protocols which had led to improved patient outcomes.

Cardiovascular Sciences

Cardiovascular science is a pivotal area of modern medicine. We are leaders in the cardiovascular field, including atrial fibrillation and heart failure, thrombosis and haemostasis and vascular biology.

Research is divided into four themes: Cardiac Diseases, Thrombosis and Haemostasis, Vascular Biology and Inflammation, and Imaging and Technology.

Our outstanding infrastructure allows us to image molecules by super-resolution microscopy through to cardiovascular circulation in man. The facilities include state of the art intravital suites to enable live imaging. Unique NHS partnerships across 9 regional hospitals, brings cutting edge science into clinical care. Our expertise in artificial intelligence and data driven trials using routinely collected health data has led to innovation in trial delivery, improving their inclusivity and cost as exemplified by the world leading Dare2 Think programme.



Metabolism and Systems Science

Metabolism and Systems Science is an interdisciplinary team exploring how hormones and cell or organ systems interactions influence everything from obesity, digestion, pregnancy and ageing through to endocrine cancer. We translate exploratory science into new clinical practice, medical technologies and therapeutic interventions, whilst keeping sight of patient, healthcare professional and industry priorities.



The Department's research is highly societally relevant as it touches on topics which directly impact people's everyday lives. The interplay between hormones and cell or organ systems

influence everything from digestion and pregnancy through to ageing and serious health conditions like endocrine cancer and obesity – and far more beyond this. These are healthcare matters which will affect virtually every one of us and our loved ones at some point in our lives.

The department's mission is therefore to extend understanding of these 'system connections' to better harness and move forward exciting discoveries in our labs into safe and impactful real-world applications and evidence-based teaching. Our goal is to translate exploratory and needs-driven science into new clinical practice, medical technologies and therapeutic interventions which keep sight of patient, healthcare professional and industry priorities.

Since its creation in 2015, the department and its researchers have held more than £60 million of vital research funding.

Cancer Research UK Clinical Trials Unit (CRTU):

As one of only seven trials units funded by Cancer Research UK, we design and deliver clinical trials across all phases, sizes and locations. With our innovative design approach, we maximise outcomes from single studies or small patient groups, in cancer and beyond.

CRCTU has a mission to translate cutting edge science and research into improved patient care, from small data-intensive Phase I trials of novel therapies through to large multi-centred international randomised trials.

Globally renowned for our academic excellence, CRCTU collaborates with clinician investigators driving cutting-edge research, with a focus on treatments that will change outcomes for people with cancer. Our trials play a large part in influencing new medical practice, improving patient care and reducing treatment side effects.

Birmingham Medical School:

Birmingham Medical School became part of the University of Birmingham in 1900. Our staff and students have immeasurably benefitted human health through their innovations in medical practice and research since this date. Our students learn from leading role models in their respective fields of research and clinical practice. Combining this with their early engagement with outstanding community-based learning, our students become the model professionals required for the future of medicine around the world. Our staff shape the field of science medical education throughout the world with their expertise and passion for enabling students to excel in their chosen field.

Birmingham Medical School, through its education-focused research, has pioneered innovations such as SCRIPT, an innovative eLearning programme designed to encourage safe and effective prescribing and medicines management among newly-qualified doctors and other healthcare professionals. Developed by the University of Birmingham, SCRIPT seeks to eliminate the 8-10% error rate in trainee doctor prescribing estimated to cost the NHS £750 million each year.

School of Health Sciences:

The School of Health Sciences' long-established, research-led education programmes prepare students to excel in careers in frontline healthcare, including pharmacy, dentistry, nursing and midwifery. We are enhancing health and wellbeing through leading applied research in public and global health challenges and maternal and child health, underpinned by the best methodological frameworks in data science, health economics, statistics, diagnostic test evaluation, and person-centred research.

Applied Health Sciences

The department of Applied Health Sciences carries out world-leading research and provide distinctive education to improve human health and wellbeing.

The department has 4 multi-disciplinary and cross-cutting teams focussing on the following themes: Maternal and Child Health, Chronic Diseases, Global Health, and Methodological Innovations.



Our vision is to attract – and retain – the very best researchers to our world-class facilities who will go on to produce original and distinctive globally leading research, with the ultimate goal of improving human health and wellbeing.

The department also has an extensive teaching and learning programme aimed at building research capacity in our four defined themes and providing skills for people already working in the health sector. These include post-graduate taught courses, research degrees and short courses. Masters courses in Public Health, Health Economics and Clinical Trials are offered, enabling graduates to become leaders in their respective fields.

Birmingham Clinical Trials Unit (BCTU)

BCTU is a renowned clinical trials unit, covering every disease and condition across the life course with a particular focus on late phase trials. For over 25 years, we have been providing clinicians with scientific, technical and information technology expertise to support every stage of their innovative research and influence medical treatment. Our work on disease prevention, treatment and control leads to clinical practices that change lives both nationally and globally.

BCTU was one of the first clinical trials units to be awarded UK Clinical Research Collaboration accreditation. After 25 years of groundbreaking work, we are a renowned leader in our field, providing clinicians with scientific, technical and computing expertise to support every stage of their innovative research. What we do changes clinical practice and plays a major part in the medical treatment and health of people worldwide. BCTU is a large, leading clinical trials unit with a specific focus on late-phase trials.

Dentistry

Dentistry is located in the Birmingham Dental School and Hospital which was inaugurated in 2016. It includes integrated clinical and research facilities which are close to the Edgbaston campus. The clinical facilities are shared with the Birmingham Community Health Care Trust and provide dedicated care to the West Midlands.

With over 120 Dental Surgery and Dental Hygiene Therapy students per year, a large cohort of postgraduate research students and a committed group of support staff, the School of Dentistry is thriving place to study, research and work. The school continues to grow and is well placed to meet the demands and challenges of the coming years.

Research undertaken In Dentistry at the University of Birmingham, focuses on the management of oral diseases. Oral infectious and inflammatory diseases are the most common human diseases worldwide and cause significant morbidity, impacting upon general health, wellbeing and mortality rates. Their impact on the economy is substantial. Our research is making significant inroads into understanding their pathobiology and translating this into novel treatments.

Nursing and Midwifery

Our School of Nursing and Midwifery sees us build upon our excellence in nursing teaching and research into midwifery. We continue to grow our reputation for excellence in undergraduate and postgraduate teaching, underpinned by a programme of health-related research. We continuously develop our fourteen nursing programmes, alongside our brand new midwifery programme, to meet the current demands of the healthcare system, ensuring that students graduate with the skill set, experience and knowledge to become effective patient-focussed healthcare professionals of the future.

We are proud of our partnership with seven NHS trusts, many of them country leading, and feel that our students benefit from the wide range of patient backgrounds they are exposed to on placements in the UK's largest healthcare region.

Our research is cutting edge in the areas of Risk Abuse Violence (RAV) and End of Life Care. We have strong partnerships with the Universities of Bergen, Chicago Illinois, Hong Kong, La Trobe, Melbourne, Michigan, Ottawa, Tampere and others.

Pharmacy

Since 2011, the School of Pharmacy has paved the way for pharmacy professionals through innovative teaching and fundamental research. Our dedication and investment into Pharmacy has had substantial impact in areas such as prescribing, medicines optimisation and research, whilst developing our pharmacists of the future.

The School of Pharmacy is situated at the heart of one of the largest healthcare regions in the UK. With a diverse population of over 5 million, and the University's strong relationships with the University Hospitals Birmingham NHS Foundation Trust (UHB NHS FT), we are proud to provide our students with the opportunity to gain first-hand experience in world class facilities.

Our commitment to delivering high quality teaching was highlighted through our award of full accreditation from the General Pharmaceutical Council (GPhC) in 2017, with no recommendations or conditions.

Research in Pharmacy focuses on three main scientific disciplines, pharmacy practice, pharmaceuticals and medicinal chemistry and drug discovery. Our staff work in partnership with UHB NHS FT to share clinical and research excellence through our [Birmingham Health Partners](#) agreement.

School of Infection, Inflammation and Immunology

Our world-leading research in microbes and infection, inflammation and ageing, and immunology and immunotherapy directly shapes and fosters our undergraduate and graduate programmes in Birmingham, Dubai and China. By embedding our educational offer in our research groups, we equip the very best Biomedical Sciences graduates and post-graduates for the research discoveries of tomorrow.

Immunology and Immunotherapy:

Immunology, the science of how the body protects itself against infection and cancer, and immunotherapy, the treatment of disease through the manipulation of the immune system, are arguably the most exciting areas of medicine at the current time. Such approaches promise the

opportunity of controlling infectious diseases while providing more effective cures for diseases including cancer, common autoimmune disorders and allergies and Alzheimer's disease.



Birmingham has a very strong history of immunology research going back 30 years, and with one of the greatest concentrations of scientists and doctors in the world is well positioned to make a world-leading contribution.

Our research spans many aspects of the immune system, from the formation of white cells within the thymus gland (a small gland in the neck) to clinical trials on patients with diseases such as cancer, multiple sclerosis or viral infections.

Clinical Immunology Services:

The University of Birmingham Clinical Immunology Services (CIS) offers an extensive range of tests for the immunological evaluation of patients, ensuring the highest quality of service with prompt and accurate results, supported by specialist medical and scientific expertise.

We are dedicated to training the next generation of academic and clinical scientists, shaping the future workforce. As an ISO 15189 UKAS-accredited provider of immunodiagnostic and blood cancer services, we also engage in clinical trials and bespoke research projects.

Uniquely positioned within an academic institution, CIS leverages this advantage to deliver cutting-edge translational research focused on immunodeficiency and immunogenicity, blood cancer, and the development of novel immunodiagnostic tests.

Inflammation and Ageing:

Our partnership between the NHS and University brings basic scientists, clinicians and patient partners together to break down traditional bench to bedside, bedside to bedside and primary care-secondary care divisions that have prevented a truly integrated, multidisciplinary, patient-centred approach to treating chronic inflammation and ageing, an approach highly endorsed by patients.



This enables us to transform the way these chronic, debilitating and life-threatening conditions are studied, prevented and treated. Patients often suffer from more than one chronic inflammatory condition and so instead of looking at them separately, we consider them collectively. In this way we identify the major common drivers of ill health that can then be tackled to improve overall health rather than treating each disease individually. By working side-by-side, our specialists not only learn from each other, but they are also able to provide a holistic approach to treating patients.

We have won four Centres of Excellence awards in as many years, the MRC-Arthritis Research UK Centre for Musculoskeletal Ageing Research, the [Arthritis Research UK Centre for Rheumatoid Pathogenesis](#), the [NIHR Surgical Reconstruction and Microbiology Research Centre](#) and the [Scar Free Foundation](#). In 2016 we were awarded over £12 million for an [NIHR BRC](#) in Inflammation research. In total these awards bring in over £30 million of vital funding.

Microbes, Infection and Microbiomes:

The department of Microbes, Infection and Microbiomes is home to world leading academics working across pathogen biology, microbial genomics, and human microbiome research with a clear emphasis of research with importance to human health.



The department co-hosts a theme in our NIHR BRC (Infections and Acute Care) and is home to the only MHRA approved Microbiome Treatment Centre in the UK, providing faecal microbiome transplants to patients with recalcitrant C. difficile infections. We also have one of the largest portfolios of UKRI funded Antimicrobial resistance projects in the UK, a vitally important research area in which we are world renowned. We are integrated into the world renowned [Institute of Microbiology and Infection](#). At the heart of everything we do is an unwavering dedication to ground-breaking, fundamental microbiology research – something that has been integral to the University of Birmingham since its foundation more than a century ago.

Biomedical Sciences:

Our innovative and impactful work includes internationally recognised cross-disciplinary research, supported by collaborations across the University, NHS, pharmaceutical industry, and global research centres. This results in pioneering and competitive research with real-world impact.

Our collaborations unite basic scientists, clinicians, patient partners and regulatory bodies to create a fully integrated, multidisciplinary, patient-centred approach to managing chronic neurological and systemic diseases. Our areas of research excellence include translational and clinical research into neurological and neurodegenerative disease, sight loss, rheumatoid arthritis, cancer, cardiac disease and inflammatory bowel disease.

Our research is embedded into four Centres of Excellence including [NIHR BRC](#), [Microbiome Treatment Centre](#), [Bladder Cancer Research Centre](#), [MRC Versus Arthritis Centre for Musculoskeletal Ageing Research](#) and [Centre for Liver and Gastrointestinal Research](#).

Education

Each year the College trains more than 350 medical students of which nearly one third intercalate on a choice of programmes after the second, third or fourth year of their course. We also train 70



dental students, over 170 biomedical science students, over 150 nursing students, over 150 pharmacy students, and 40 physician associate students.

There are also approximately 850 postgraduate taught students and nearly 500 postgraduate research students in the College, managed by a cross-College Graduate School. The College has excellent library and reference facilities, including the Barnes Library and Doug Ellis Learning Hub, which complement the wider facilities available to students on campus. Around 1500 students each year join us on undergraduate, postgraduate taught and research programmes. These students come to us from around the globe and represent over 80 countries.

Our educational programmes in Dentistry, Pharmacy, Nursing and Midwifery, Biomedical Sciences, and the Birmingham Medical School support increased recognition of the value of education and teaching contribution through an enhanced emphasis on pedagogy. First-class teaching is crucial to ensure that our students – the biomedical and healthcare workforce of the future – get the very best out of their time at Birmingham; delivering an outstanding student experience is a top priority.

We are committed to providing students from all backgrounds with the opportunity to discover education and research in biomedical sciences and healthcare. We deliver a range of widening participation activities to bring students onto campus allowing them to explore what it is like to be a student at our University while giving them an insight into the courses they could study here and the pioneering research underpinning them; almost 3,500 students have received support from our extensive widening participation activities over the last 10 years and around 15% of our medicine intake is now from under represented backgrounds.

Our employability rates within the College are excellent, with 95% of all surveyed students achieving employment within a year of study. [Some notable alumni are in influential positions all around the world.](#)

UK league tables:

- Times 2026: Ranked 8th for Nursing, 11th for Dentistry, 20th for Pharmacology & Pharmacy and 22nd for Medicine.
- Complete University Guide 2026: Ranked 12th for Biomedical Science, 9th for Dentistry, 19th for Pharmacy and Pharmacology, 16th for Nursing and 28th for Medicine.
- Guardian 2026: Ranked 23rd for Biomedical Science (previously Anatomy & Physiology), 13th for Dentistry.

Global league tables:

- QS World rankings 2026: 56th for Medicine, 29th for Anatomy & Physiology, 19th for Dentistry, 62nd for Nursing and 82nd for Pharmacy & Pharmacology. The Life Sciences and Medicine overarching faculty area is ranked 62nd in the world.
- US News rankings 2023: 26th for Surgery, 37th for Endocrinology and Metabolism, 58th for Cardiac and Cardiovascular Systems, 14th for Gastroenterology and Hepatology and 65th for Clinical Medicine.
- Times Higher Education rankings 2025: 66th for Medical & Health.



Working in partnership

Birmingham Health Partners

Our partnership working with regional NHS Trusts is very strong, as exemplified by [Birmingham Health Partners \(BHP\)](#), an exciting collaborative platform between the University of Birmingham, Aston University, University Hospitals Birmingham NHS Foundation Trust, Birmingham Women's and Children's Hospitals NHS Foundation Trust, Sandwell and West Birmingham Hospitals NHS Trust, The Royal Orthopaedic Hospital NHS Foundation Trust, Birmingham and Solihull Mental Health NHS Foundation Trust, Birmingham Community Healthcare NHS Foundation Trust, and Health Innovation West Midlands.

BHP has an outstanding healthcare infrastructure based on a campus that encompasses renowned hospitals, world-class multi-disciplinary research facilities, clinical and industry-focused space, and a range of flagship national centres of excellence. Globally Birmingham is one of the few cities that can deliver such comprehensive co-located expertise.

The co-location of the partners allows BHP to deliver an integrated approach to research and healthcare innovation; working together to shape the future of healthcare to benefit our communities and change lives.

With over 50,000 staff, 5 million patient contacts annually and a combined turnover of £4.7 billion, we operate in one of the UK's most socially, ethnically and economically diverse areas.

However, Birmingham faces unique challenges, being the third-poorest and one of the youngest cities in the country, with significant health disparities too. Involving patients, carers, service users and members of the public in our research is key to helping us achieve our vision and ensuring that the research we do addresses the healthcare needs and priorities that matter most to the people of Birmingham.

Through our partnership, we aim to create a vibrant community which thrives on collaboration. We believe that by working together, we can achieve significant breakthroughs in medical research and patient care, translate research into practice and speed up the adoption of these innovations in the clinic.

Birmingham Health Innovation Campus and Precision Health Technologies Accelerator

[BHIC](#) is a world-leading life sciences campus, currently being developed through a long-term collaboration between the University of Birmingham and experienced investor-developers Bruntwood SciTech. Phase 1 of the ten-year masterplan, No.1 BHIC, opened in June 2025 and offers 133,000 sq. ft of premium lab and office space for forward-thinking businesses in the health and life sciences sector. It is home to the Precision Health Technologies Accelerator ([PHTA](#) Ltd), the University of Birmingham's flagship life sciences innovation and incubation facility which brings entrepreneurs, start-ups and scale-ups together with the next generation of academic and clinical leaders, creating unique opportunities to commercialise ideas and accelerate the rapid development of cutting-edge therapies and technologies.

Working closely alongside Birmingham Health Partners, PHTA offers access to a wide range of clinical research, trials, and health data, as well as opportunities to work with leading teams and key opinion leaders across the academic and clinical spectrum.

Institute of Translational Medicine

The £24 million [Institute of Translational Medicine \(ITM\)](#), which sits between the College and University Hospitals Birmingham NHS Foundation Trusts, bringing together world class clinicians, scientists and clinical trials teams to accelerate access to new diagnostics, drugs and medical

devices thereby enabling patients to benefit more rapidly from breakthrough therapies and technologies.

Collaboration

Our cross-campus collaborations within the University are vital, to share expertise and knowledge across disciplines, as well as facilities, equipment, and resources. We have strong relationships with all other University Colleges, from mental health research with the College of Life and Environmental Sciences to health technologies collaborations with colleagues in Engineering & Physical Sciences, health management with Social Sciences and regulatory science with Arts & Law.



Beyond our campus, we sit in the heart of the Birmingham Health and Life Sciences District – a square mile in the south of the city, anchored by the University of Birmingham and major NHS hospital trusts. The district's compact geography fosters close partnerships and efficient pathways from ideation to implementation and post-marketing surveillance. Scientists and clinicians turn cutting-edge research into tangible health outcomes, making Birmingham the most effective environment to put research into practice.

In addition to the NHS Trusts in our immediate vicinity, the College works closely with many of the teaching hospitals, clinical commissioning groups (CCGs) and training practices across the West Midlands. We have particularly strong research links with Sandwell and West Birmingham Hospitals NHS Trust, which hosts much of our clinical academic work in rheumatology, ophthalmology, and cardiology.

We also partner with many other Universities both in the UK and overseas on collaborative research projects and split site PhD opportunities. These collaborations maximise our research outputs and provide PhD students with opportunities to broaden their knowledge and skills across multiple world leading institutions.

Facilities

Situated in the largest healthcare region in the country, with access to one of the largest and most diverse populations in Europe, the College is perfectly positioned to address major global issues and diseases affecting today's society.

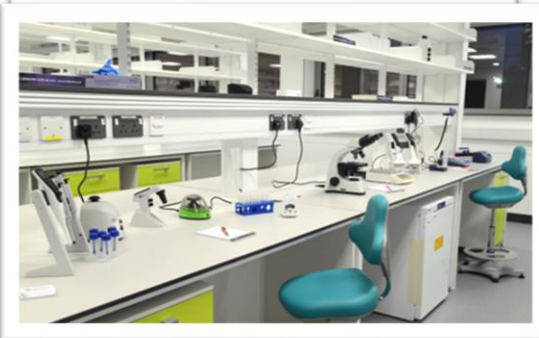
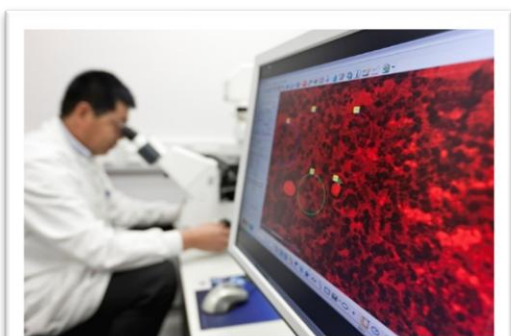
The principal base of the College is on the University's main campus in Edgbaston, adjacent to the Queen Elizabeth Hospital Birmingham and Birmingham Women's Hospital. Other College buildings are located on and off campus, including Birmingham Dental Hospital.



The College has a vast and impressive range of facilities that support both its teaching and research activities. Researchers have access to world leading facilities which are equipped with the latest cutting-edge research instrumentation and managed by highly trained technical staff.

Research Facilities

Our outstanding facilities and strong ethos of partnership working, combined with multi-disciplinary academic excellence across the University and a diverse regional population of over five million mean that Birmingham is ideally placed to occupy a world-leading position in the rapidly evolving Life Sciences sector.



Cross-College enabling technologies platforms support and strengthen our research in key areas including sequencing, mass spectrometry, whole organism and cell imaging, cell sorting, and flow cytometry and NMR based metabolomics and structural biology. This is supplemented within the College by our protein expression, genome editing and intra-vital imaging facilities. [A full list of our research facilities can be found here.](#)

Equality, Diversity, and Inclusion

Equality, diversity, and inclusion (EDI) is at the heart of the College's strategic vision and is something that the College Board takes very seriously.

The College's EDI team drives and embeds behavioural and cultural change; by promoting EDI events, developing, and signposting EDI -related policies and services, exploring barriers to success and providing scrutiny and advocacy for strategic decisions.

The College was awarded an Athena SWAN Silver Award in 2020 in recognition of long-term progress toward gender equality and has a race equality action plan as part of the University's Race Equality Charter Bronze award. The College's EDI team maintain strong relationships with the University's Staff Networks for disabled staff, LGBTQ+ staff, parents and carers, race equality, and women to ensure these groups have input into plans and policies and so equality issues can be flagged.

We work hard to effect positive change, such as a training a network of Speak Up Guardians and Mental Health First Aiders, providing comprehensive support for academic promotion applicants and funding for caring costs for any staff attending conferences/training. We also host a programme of events to raise awareness and celebrate the diversity of our College's community throughout the year.

The University

The University of Birmingham was founded on the vision of Joseph Chamberlain in 1900 to provide a university for the people of Birmingham, 'a great school of universal instruction... taking all knowledge in its province'. This philosophy has defined and shaped us as an institution for our city ever since, founded on equality of opportunity for all.

We are proud to continue to find new expressions for these civic roots. The University is now a global institution, with our doors open, welcoming the best to Birmingham, and taking the best of Birmingham to the world.

Ranked 80th globally, Birmingham is a member of the Russell Group and a founder member of the Universitas 21 global network of research universities. We ranked 1st out of Russell Group institutions in Great Britain for UK domiciled graduates in sustained employment and/or further study five years after graduation. Ten of our alumni and staff have been recognised with Nobel Prizes, and many others are recipients of the most prestigious awards in their fields. We rank highly amongst employers seeking to recruit graduates.



Our heritage as the original 'redbrick' is combined with an ambitious agenda to continue the transformation of the University. In recent years we have significantly increased the number of leading academic colleagues and have undertaken a £1 billion renewal of the campus estate. We have established our own non-selective secondary school and sixth form serving the diverse

communities of Birmingham and have just opened our new campus in Dubai. In the 2024 QS World Sustainability Ranking, we were ranked 35th.

With more than 40,000 students, our teaching is worth £1.3 billion to the economy and the University has trained more than 5,300 teachers, social workers, nurses, doctors, and dentists. We have 390,000 alumni across the world, the majority of whom believe that their degree helped them get a better job and prepared them for their career.

Our research and knowledge transfer activity contributes £1.4 billion to the economy, and every £1 million of research income generates £6.49 million of impact in the UK economy.

We take our role seriously as an anchor institution for the UK's diverse, youthful, and dynamic second city, and are one of the largest employers in the region. We value our partnerships with local organisations including through our Civic University Agreement signed with Birmingham City Council and the West Midlands Combined Authority. Through The Exchange we now have a city centre base from which to work with partners. We are currently working with Bruntwood SciTech and NHS partners to develop the Birmingham Health Innovation Campus.

Birmingham 2030 strengthens our commitment to sustainability as one of the core pillars of our activity. This includes using our research and education to make a major global contribution to the UN Sustainable Development Goals, and a headline aim to be net zero carbon for scope 1 and 2 by 2035 and overall, by 2045. We are active partners in Birmingham's Tyseley Energy Park developing new technologies to contribute to Birmingham's net zero ambitions.

Birmingham 2030 Strategic Framework

Through our Birmingham 2030 Strategic Framework we have set an aspiration to become a top 50 global institution. We recognise this is a genuinely challenging aim, which will require a vibrant, intellectually exciting, and diverse University community for research and education, as well as working closely with our partners in Birmingham and around the world.

With world-class research and outstanding global education as our core mission, we will strive to increase the volume and quality of our research to make an even greater difference to the world around us. We will be the UK's exemplary civic university, remaining firmly committed to our foundations in the highly diverse communities, people, and economy of the city of Birmingham and the West Midlands.

A link to the Birmingham 2030 Strategic Framework can be found here: www.bham.ac.uk/2030

Student Experience

We have been encouraging independent thinking and providing academic programmes that stretch and challenge for more than a century. Our stunning Edgbaston campus is a distinctive element of the experience we offer to our students.

Centred around the Green Heart, one of the largest open green spaces of any UK University, our 672-acre campus also includes The Vale student accommodation village, set around a lake in its own beautiful parkland. Our research enhances and reinforces our teaching, and we value and reward teaching quality. We have continued to provide in-person teaching through the pandemic and have blended this with enhanced digital learning. Our student experience is enriched by a huge range of extra-curricular opportunities from sport and music to volunteering.

A University of Birmingham degree is valued by the country's top employers, founded on our commitment to provide our students with both an outstanding education and the intellectual confidence, knowledge, and skills required to thrive in their careers and make a difference in the world. We are pleased with our high rates of graduate employment, and our students are the most frequently targeted of any university by the country's top employers looking for graduate recruits.

Our student population has increased by over 4,000 since 2009-10, and we now have a total student population of over 25,000 undergraduate and 13,000 postgraduate students. We are a global community, with nearly 11,000 international students studying either at Edgbaston or overseas (at our Dubai campus, through our partnership with Jinan University, and on distance learning courses). We have 2,500 students undertaking distance learning courses.



Exceptional Research

The University is one of the UK's most successful institutions in terms of research. In the latest Research Excellence Framework, we were placed 13th in the UK in terms of GPA, with the highest rise in position of any Russell Group university. This included a significant rise for the Birmingham Business School. Our areas of research excellence are unusually comprehensive for a UK university, with a submission to 28 of a possible 34 Units of Assessment in the REF2021. The total value of research funding won by the University has grown rapidly to over £200 million per annum for the last two years. We have a portfolio of over 2,600 live projects with an award value to the University of over £900 million.

Our academic community achieves remarkable things. We are proud that the University has contributed to the national and international response to Covid-19, drawing on our expertise across our disciplines including virology, immunology, business, economics, law, and social sciences.

As a comprehensive university, the breadth of our subject base creates many opportunities for inter-disciplinary research to solve global challenges. These are encouraged by our Institute for Global Innovation (IGI), as well as our close collaboration with industry, business, and healthcare.

Our robust industrial partnerships support enterprise and innovation across a number of sectors, working with companies as diverse as Siemens, AstraZeneca, and the Royal Shakespeare Company, and drawing on our innovation assets such as the Birmingham Health Innovation Campus and the Manufacturing Technology Centre in Ansty, near Coventry.

We support academics to engage with policy makers, and through the work of University of Birmingham Enterprise, manage the University's extensive technology transfer and academic consultancy business, IP protection and spinout portfolio.

We have been integral to some of the greatest scientific discoveries of recent times, such as the discovery of the Higgs boson particle and the detection of gravitational waves. We enjoy world-class expertise in areas as diverse as mental health, Shakespeare, history, conflict and security, psychology, water science, air pollution, corpus linguistics, inter-faith understanding, and character education.

The City of Birmingham

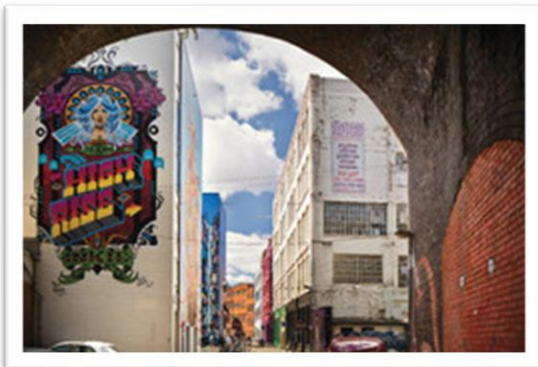
The City of Birmingham has undergone a major transformation in the last decade and regularly features as a top place to visit – in fact, it was the only place in the UK listed in the Rough Guide's Top 10 places in the world to visit in 2015.

In a recent Sunday Times/Zoopla report, 'Best Places to live in Britain,' three areas of Birmingham all made the top 50 best places to live in Britain, with the suburb of Moseley being voted the overall winner.

A city of historical interest and contemporary vision, Birmingham has a rich and diverse community that creates a vibrant, multicultural, and exciting place to live and work.

The city is home to the internationally renowned Birmingham Royal Ballet and one of the world's greatest concert venues: Symphony Hall. The City Museum and Art Gallery houses the world's finest collection of Pre-Raphaelite paintings, alongside a major collection of Old Masters, Modern and Contemporary pictures, while the iconic Bullring is one of the largest dedicated shopping facilities in Europe. Sports and recreation are also well served; the city offers international Test cricket, top-flight football, international championship golf and tennis, and top-class rugby. As a multicultural city, Birmingham is also renowned for the breadth of its cuisine and has more Michelin starred restaurants than any other English city outside London.

Birmingham is within an hour's drive of Stratford-upon-Avon and the Cotswolds. From Birmingham International Airport, more than 50 different airlines operate scheduled services to 100 destinations worldwide. The University has its own dedicated railway station, while 50 million passengers a year use Birmingham New Street Station, and the city will be a major hub for the UK's new high-speed rail network. London is 80 minutes away by shuttle service, with trains every 20 minutes.



Equality, Diversity and Inclusion

The promotion of equality, diversity and inclusion is central to the mission and vision of the University of Birmingham. On our founding in 1900, a core commitment was to accept women and people of all religious backgrounds as equal members of the University community. Today, challenging discrimination, addressing inequalities, and promoting greater understanding continues to be one of the key challenges we face as part of a globalised society.

We are committed to creating and maintaining an inclusive learning and working environment where discrimination is not tolerated, where all members of the University can flourish and reach their full potential; where we engage with and learn from our community and where we affect positive change within the University, our city and wider society. We see this as integral to our mission and vision as a global university.

Our Equality, Diversity & Inclusion Scheme 2021 – 2024 sets out our objectives and actions based on the inter-locking themes of:

- Creating an inclusive environment: developing a University community where everyone feels welcome, included and empowered to succeed
- Dismantling barriers: addressing the structural barriers faced by groups within the University in order to create more equitable outcomes
- Integrating equality, diversity and inclusion: issues and impacts are considered and addressed across our activities

We are proud holders of the Advance HE Race Equality Charter and Athena Swan Charter, with a majority of our Schools also holding Athena awards, including the Business School. We are actively working to increase our proportion of senior female academics, the number of people from minority ethnic groups we employ and the degree awarding gap. In November 2020 the University formally adopted the IHRA definition of Anti-Semitism – this is in parallel with our existing expectations that all members of the University community should be treated with dignity and respect and that there is no place on our campus nor within our community for any form of discrimination. We are also members of Stonewall's Workplace Equality Index and Global Champions.