

Campus Masterplan update



A MESSAGE FROM THE DIRECTOR OF ESTATES AND FACILITIES

Since 2012 when the University announced its £1 billion pound ten-year investment to create a world-class campus, significant progress has been made in bringing this vision a step closer.

The Campus Masterplan will bring the University together on a single campus and provide some of the world's most modern facilities for teaching and research. A number of projects, which have now been completed or are at an advanced stage, are featured in this Update.

Projects due for completion this year are The Whitworth Art Gallery which is set to re-open in October following extensive refurbishment and the creation of a stunning glass extension to the rear. The Manchester Cancer Research Centre next to the Christie Hospital is due to complete this autumn, a topping out ceremony was held last November and internal fit-out work is underway.

Smaller-scale but equally significant projects such as the new lecture theatres in the Simon Building basement and the fit-out of the fifth floor of the A V Hill building have been successfully completed, the latter under budget and ahead of schedule.

This newsletter is due to be published quarterly and will provide further updates on current projects and key milestones.

Diana Hampson

WHITWORTH ART GALLERY AND PARK TAKING SHAPE

**The Whitworth project continues
pace as the new glass extension
that will host the 'café in the
trees' now looms over the
site's hoardings.**

Works are on schedule and the 125-year-old Whitworth's transformation into a 21st century gallery in the park will be complete for the official re-opening to the public on Saturday 25 October. (See *UniLife*)

The £15 million re-development, by architects MUMA, will double public space and create state-of-the-art new facilities including expanded gallery spaces, a learning studio, study centre and a collections access zone.

At the heart of the design is the creation of an elegant glass, stainless steel and brick extension, which will see two wings extend into Whitworth Park from the back of the existing 19th century building.

Drawing on the Whitworth's heritage as the first English gallery in a park, the new wings create an art garden between them and will be connected by a glass promenade gallery

overlooking the surrounding landscape. The landscape gallery wing will provide exhibition space for the display of landscape works and large scale sculptures. Across the promenade, a beautiful linear café extends into the trees in Whitworth Park. A large window in the centre of the existing building will reveal a sight line into the main exhibition space, connecting the gallery to the surrounding park beyond.

A new environmentally sustainable collection storage area will be created in the lower ground floor. Extensive refurbishment of the existing gallery building will include restoring the volume of the three 19th century barrel-vault exhibition gallery ceilings to enable the display of major, large scale shows. Visitors will also be able to access the reinstated Grand Hall on the first floor through Edwardian staircases returned to public use for the first time in over 50 years.

Outside, the Art Garden and Orchard Garden have been designed by Chelsea gold medallist Sarah Price, who co-designed the 2012 Olympic Park gardens.

An additional £1.8m from the Arts Council England will complete the refurbishment, providing an improved entrance to the gallery on Oxford Road and Sculpture Terrace.



MANCHESTER CANCER RESEARCH CENTRE

The new £38m Manchester Cancer Research Centre (MCRC) building is a partnership between The University of Manchester, Cancer Research UK and The Christie NHS Foundation Trust. It will provide state-of-the-art facilities for the expansion of cancer research activities; accommodating scientists alongside clinical trials support staff.

The MCRC's integrated partnership approach is essential to turn research findings in the laboratory into better treatments for cancer patients and brings together world-class research into cancer biology, drug discovery and clinical trials on one site.

Due to open in autumn 2014, the new building will be home to 250 staff including 150 scientists whose research will focus on understanding how cancer starts, develops and progresses. Working alongside these researchers, The Christie will relocate 100 clinical trials support staff to the second floor of the building.

Work on the new MCRC building began in November 2012 and, within two months of the first piece of ground being excavated on site, the access road had been completed and an on-site Visitor Centre opened, providing the local community and

visitors with the chance to find out more about the MCRC and the progress of the project. Within four months, the structural walls of the new building emerged from the foundations and during summer 2013 work focussed on completing construction of the structural steel frame and the installation of the concrete floors. Throughout the autumn and winter, work on the external façade and roof continued, revealing the overall size and design of the new research centre. Currently work is ongoing to complete the installation of the external façade with work on the internal fit-out underway.



COUPLAND 3

The redevelopment of Coupland 3 will create an exciting new home for a number of Departments and Schools. The Victorian building will be transformed to create new modern accommodation including offices, labs and meeting areas.

A new entrance will be installed improving access to the building and the vaulted ceiling will be exposed after being hidden for many years to create a light and bright interior.

Upon completion, scheduled for 2016, the School of Law, the Directorate of the Student Experience, Faculty of Humanities Administration and the Post Graduate Hub will move into the building.

The building will also provide new accommodation for the Legal Advice Centre which will move from the University Precinct Centre bringing it under one roof with the School of Law which will move from the Williamson Building.

Work is due to begin soon with staff who work there relocating to temporary accommodation near the Arthur Lewis building. Staff from Manchester University Press will move to the Sackville Street Building.

The project will also incorporate the Schunk building and Burlington Rooms.

Demolition of some external buildings used for storage will take place in May and work on stripping out the interior of the building will continue to the end of the year.

HALFWAY MARK FOR NATIONAL GRAPHENE INSTITUTE



Work continues as planned on the £61m National Graphene Institute (NGI), set to open in early 2015.

The 7,800 square feet building will see academics and industrial partners working side by side to produce the graphene applications of the future.

Built over five storeys, the NGI's exterior features a formula wrapped around the building. This is a complex set of equations that featured in graphene research papers around the time it was first isolated in 2004.

The building has been funded by £38m from the UK Government, via the Engineering and Physical Sciences Research Council (EPSRC), and £23m from the European Regional Development Fund.

It is expected that a number of companies will partner with the University and use the state-of-the-art facilities at the NGI to realise the vast potential of the 21st century wonder material.

Sir Kostya Novoselov, who along with Sir Andre Geim first demonstrated the extraordinary potential of graphene, has been heavily involved in the design

process for the new building and has personally approved much of the interior layout.

Construction began on the NGI in July last year and it is now halfway through. The main concrete frame is complete and work is underway on the external envelope and cladding works to the glass-fronted building, the internal blockwork, partition walls and installation of mechanical and electrical services. The fit-out of the cleanrooms will begin in mid-April and equipment is due to be moved into the building from the end of this year.



AV HILL BUILDING

The fifth floor of the AV Hill building has been fitted out to provide highly serviced laboratory space and to maximise the office and write up areas within this area.

The project was completed in November 2013 ahead of schedule and under budget and researchers from the University's Nanomedicine Lab are already occupying the new floor with others from the Institute of Cardiovascular Studies currently in the process of moving in.

This additional accommodation forms part of the University's World Leading Minds recruitment drive to attract leading academics from around the world

across science, humanities, engineering, life sciences and medicine and provide them with the world-class facilities and resources to conduct their research.

Areas of floors 1-4 have also been re-modelled to provide additional office and write-up areas on these floors.

Completed in 2008, the AV Hill Building is a state of the art facility dedicated to high-level research. At completion the fifth floor of the building was handed over as empty 'shell' space for future University requirements.

UNIVERSITY LIBRARY

A design team has now been appointed for this £11 million project which will see re-modelling and refurbishment of the Main Library to accommodate the relocation of the Joule Library from the North Campus and to provide enhanced and modern library facilities.

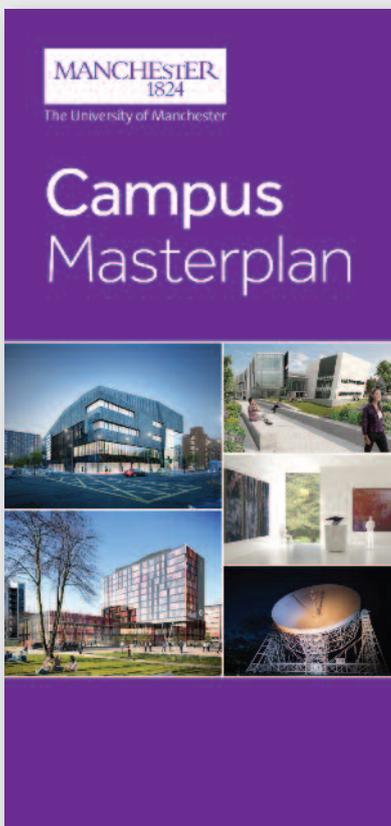
The investment in the Main Library gives the University the opportunity to rethink its use of library space in a way that hasn't been possible since the 1980s as well as addressing long term maintenance needs. All work will be carried out while the library remains in use with construction works due to start in 2015/16 and completion expected in 2018.





CAMPUS MASTERPLAN GUIDE

A fold-out leaflet featuring a map of the campus and the projects which make up the Campus Masterplan is currently being produced. It will show the location of the projects and a brief outline of each one covering both Phase 1 and Phase 2. Further details will be circulated once these are available.



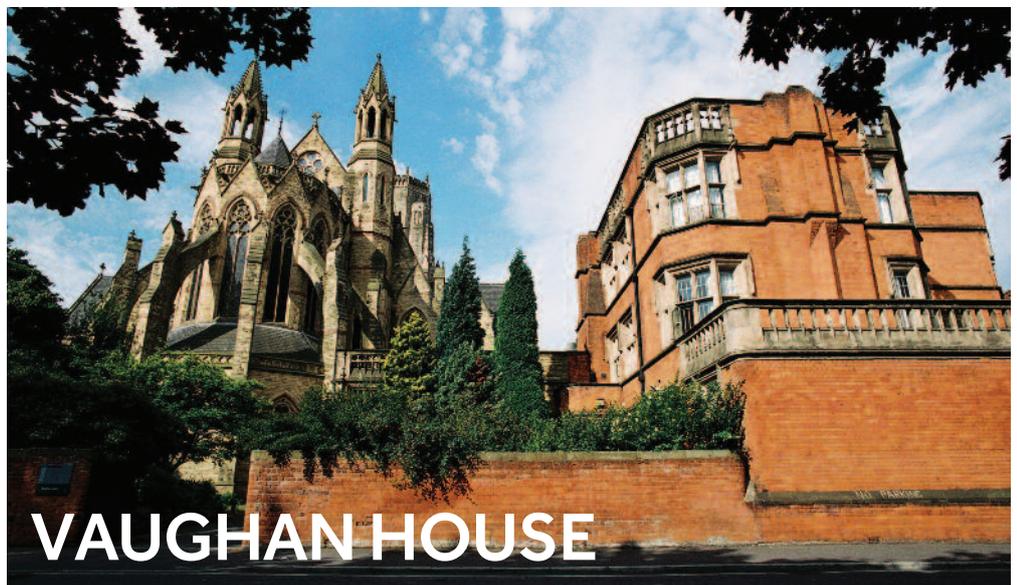
SIMON BUILDING

The first phase of the Simon Building project has completed with modern lecture theatres having been created in the basement of the building, which once housed laboratory space.

This was a significant structural engineering project with columns being moved from underneath the building to provide the required space and unobstructed sight lines.

Further work is now underway on the second phase which includes refurbishment works to adjacent corridor and welfare facilities and the construction of a new staircase allowing improved movement around the building and easier access and exit.

The project will provide new accommodation for the staff association UMSA and Wellbeing. Completion is scheduled for early 2016.



VAUGHAN HOUSE

This listed building built in 1875 is being substantially repaired and refurbished to provide a home for the Manchester-based hub of the Health eResearch Centre for North England.

This is being funded from the Medical Research Council and nine other Government and charity funders. The new Centre will act as a hub providing specialist research and teaching facilities as part of a consortium led by The University of Manchester, in conjunction with the universities of Liverpool, Lancaster and York.

It will be one of four such Health Informatics research hubs in the UK and will make use of patient data sets available through NHS sources, undertake cutting edge research that links e-health records with other forms of research and routinely collected data, which will lead to patient and public benefit and ensuring the UK remains at the forefront of global medical research. Completion is due in May 2014.