



The University of Manchester

23 May 2023

Miss Bashaer Banasir

4647 King Fahd, Unit 541
6771
Makkah 24341
Saudi Arabia

Programme of Study: PhD Theoretical Chemistry (48 month)

Mode of Study: Full-Time

Length of Course: 48 Months

Entry: 09/2023

CAH3 Code(s): CAH07-02-01

University of Manchester User ID: 11460310

Dear Miss Banasir,

Thank you for your application to study at The University of Manchester. I am delighted to make you a conditional offer of a place on the above research programme.

The conditions of this offer are:

- A minimum of IELTS 6.5 with 5.5 or above in each component or acceptable equivalent. Your English language test report must be valid on the start date of your course. For acceptable alternatives, see www.manchester.ac.uk/language-requirements

Please provide evidence of meeting your offer conditions as soon as this is available.

Please note that if you are currently undertaking masters level study and the result will not be available until after the start of this course, you should be aware that the University reserves the right to withdraw you should you fail to successfully complete your masters programme as detailed in the offer conditions above. A check on your progress at the end of the taught element of the masters programme will be carried out and you may be required to provide a transcript.

Your research entitled 'Organocatalytic reactions via halogen bonding' will be supervised by a supervisory team led by Dr Cristina Trujillo del Valle. No modification may be made to the approved title without consent from the University.

Please note your research project may require an export licence whether it takes place within the UK or remotely outside of the UK. Where a licence is required, your offer will be subject to any necessary export licence being granted. It is the responsibility of your supervisor to carry out the checks and apply for an export licence through the University to the relevant authority. If an application for an export licence is rejected, your supervisor will support you to make changes to your project to allow it to proceed where possible. Where this is not possible your offer will be withdrawn by the University.

All postgraduate researchers must undertake a skills/personal development audit at the beginning of their programme and annually thereafter, to determine their research, transferable and generic skills requirements. Students are also required to take part in a

programme of Researcher development, where applicable, as part of the PHD degree.

Students admitted to the degree of Doctor of Philosophy will be required to demonstrate satisfactory progress at the end of each year of research to be able to progress to the next year. [Those who are not able to demonstrate satisfactory progress may be offered the opportunity to submit a thesis for the degree of MPhil.]

Students are expected to meet the minimum attendance requirements of their programme, including by attending every supervisory meeting or scheduled learning session. Further information on attendance requirements is set out in the [Policy on Recording and Monitoring Attendance](#).

Postgraduate researchers are expected to complete all postgraduate research degree work, including research and the writing up of the thesis, within the standard period of the programme as defined at the top of this letter. If students do not submit their thesis for examination within this time period, they may request permission to enter an additional period which must only be for the purpose of completing the writing up of the thesis. Permission to enter this additional period is not guaranteed and is granted at the discretion of the University. For this purpose, students would be required to register for a submission pending period, for which a submission pending fee would be charged. To note that four-year doctoral degrees do not allow a period of submission pending and the thesis must be submitted within the fourth year of the degree. [There is an exception for PhD Economics, PhD Data Analytics CDT, PhD Accounting and Finance and the 4-year Distance Learning DBA.]

The final thesis submission deadline for this degree is 30th September 2027.

The University charges different tuition fees depending on whether a student is classified as Home or International, using criteria outlined in the Education (Fees and Awards) (England) Regulations (2007), the Higher Education (Fee Limit Condition) (England) Regulations 2017 and any other relevant regulations. From the information you have provided to us and based on the regulations currently available to us, you have been classified as a Overseas student for tuition fee purposes. Please note that your fee status can be subject to review if other information becomes available and that in exceptional cases your fee status may change.

2023/24 Academic Year: The tuition fee for this course will be GBP 28500.00.

The tuition fee will remain the same for every year of study.

Most international students studying for more than six months will need to obtain a visa via the Student Route to study in the UK. For attendance of less than six months duration, for example a single semester, students will be able to apply for a Standard Visitor Visa. This offer is not a confirmation of your eligibility for a visa. Further information in relation to visas for international students is available at: [International Students](#).

In the event that you accept and satisfy any conditions set out in this offer you will be invited to complete a Right to Study check. This will determine if a visa is required. Following completion of this check, a confirmation of acceptance for studies (CAS) or a letter to support your Standard Visitor Visa application will be sent to you if required. The University reserves the right to refuse admission should you arrive after the latest date for acceptance onto the course specified in your CAS.

To study on this programme in the UK you need an Academic Technology Approval Scheme (ATAS) certificate. Immigration rules state that you must have an ATAS certificate for this

programme before you start your course. If you need to apply for a student visa or extension stay, you will also need your ATAS certificate for your visa application. You can apply for an ATAS certificate up to 6 months in advance of the beginning of your course and there is no payment required. We advise that you begin the application process as soon as possible (but no earlier than 6 months before your start date). See [ATAS](#) for further information. You will not be permitted to start your programme without a valid ATAS certificate.

Your proposed area of research, which you will need to include in your ATAS application is: The objective of this project is to carry out a thorough computational study leading to understanding the catalytic potential of the halogen bonding donating catalysts as well as the mechanisms involved to facilitate the predictive design and further development of s-hole-bonding-based enantioselective transformations. Praised for its selectivity and directionality, halogen bond-based catalysis stands by its distinct region of low electron density referred to as the sigma hole. Studies show that bidentate Iodine (I) catalysts are far better than monodentate Iodine (I) catalysts; however a monodentate Iodine (III) catalyst seems to surpass both in catalytic efficiency. The binding efficiency and sigma hole of a unidentate Iodine (III) catalyst will be investigated by the means of DFT methodology and compared to a bidentate Iodine (I) catalyst already investigated by the Trujillo group.

This is an academic offer of a place on the above programme, and is not an offer of funding. You must make separate arrangements for the payment of fees and living costs. Information about fees, funding, living costs and accommodation can be found at <http://www.manchester.ac.uk/study/postgraduate-research/>. All students including postgraduate researchers are bound by the University's Ordinances and Regulations on the payment of fees and the consequences of non-payment. If you have yet to arrange funding you should still accept this offer, so that we can reserve your place on this programme.

Please let us know by 01/06/2023 whether you wish to accept this offer by logging in to [Self Service](#). If we do not hear from you by the deadline date we may withdraw this offer.

Applicants who accept their offer will be asked to declare any relevant, unspent convictions. We will contact you separately to request this information. Details of this procedure can be found in our Information and Guidance for Applicants with a Criminal Conviction document which can be found at: <http://documents.manchester.ac.uk/display.aspx?DocID=17995>. This does not apply to applicants for programmes where an Enhanced Disclosure and Barring Service (DBS) check is required.

Our student terms and conditions

The University has a set of student terms and conditions which include important information regarding key aspects of the relationship between the University and our students, including information about your rights, and the University's rights, throughout the course of the student relationship. The terms and conditions relevant to this offer are contained in the attached PDF document (and are also available on the University's website at <https://documents.manchester.ac.uk/display.aspx?DocID=64183>). They apply from the moment that an offer made by the University is accepted, and through accepting this offer you are confirming your agreement to them. It is therefore very important that you review the terms and conditions in full, and the documents which they refer to, carefully before accepting this offer. To assist with your review, we also attach a short guide which introduces the key sections of the terms and conditions.

The University of Manchester is regulated by the Office for Students (OfS). The OfS aims to help students succeed in Higher Education by ensuring they receive excellent information and guidance, get high quality education that prepares them for the future and by protecting their interests. More information can be found at: <https://www.officeforstudents.org.uk/>.

The central Student Communications and Marketing Team send our offer holders a small number of marketing print communications over the course of holding an offer with us. The purpose of these is to give you more information about the University and the city. If you do not wish to receive them, please email printoptout@manchester.ac.uk with your name and University of Manchester ID number.

There is also a wide variety of information about becoming a postgraduate researcher at Manchester on our PGR transitions website <https://www.welcome.manchester.ac.uk/includes/captivate/starting-pgr> and on the University's Welcome to Manchester website <https://www.welcome.manchester.ac.uk/get-ready/>.

If you have any queries relating to your offer, please do not hesitate to contact me, and meanwhile we look forward to welcoming you to The University of Manchester.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'S Merrywest', is centered on the page. The signature is written in a cursive style with a light blue background behind it.

Dr. Simon Merrywest

Director for the Student Experience