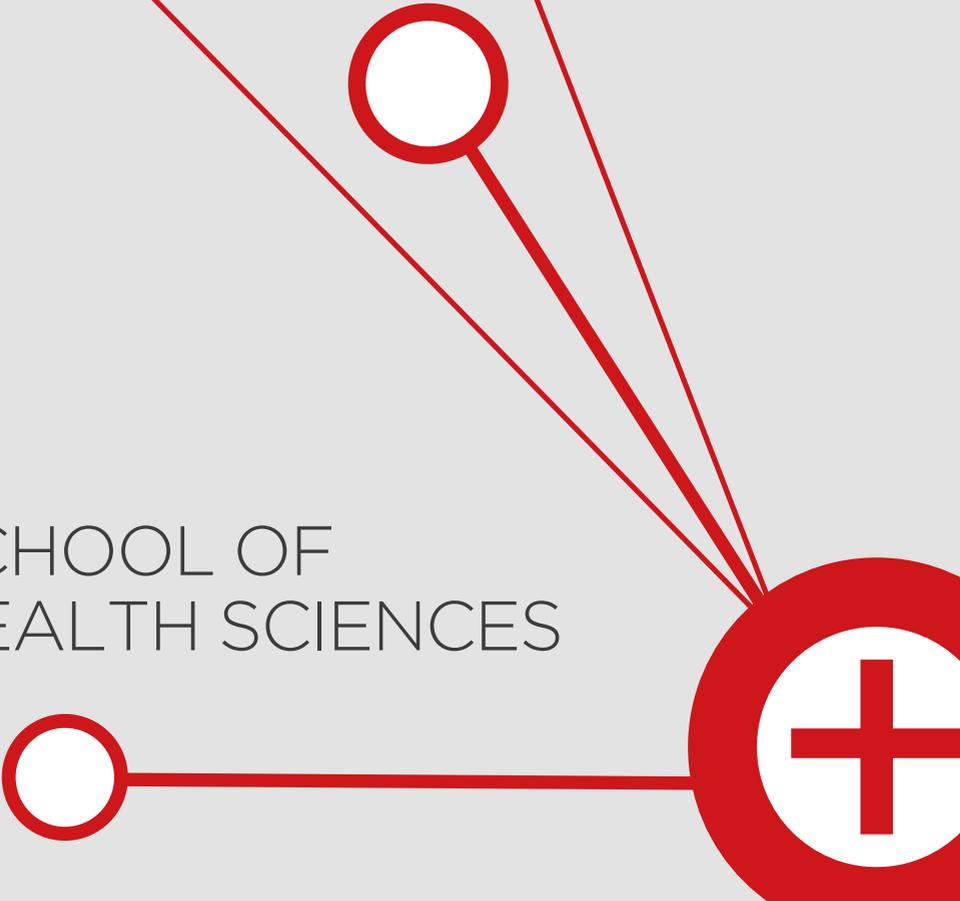


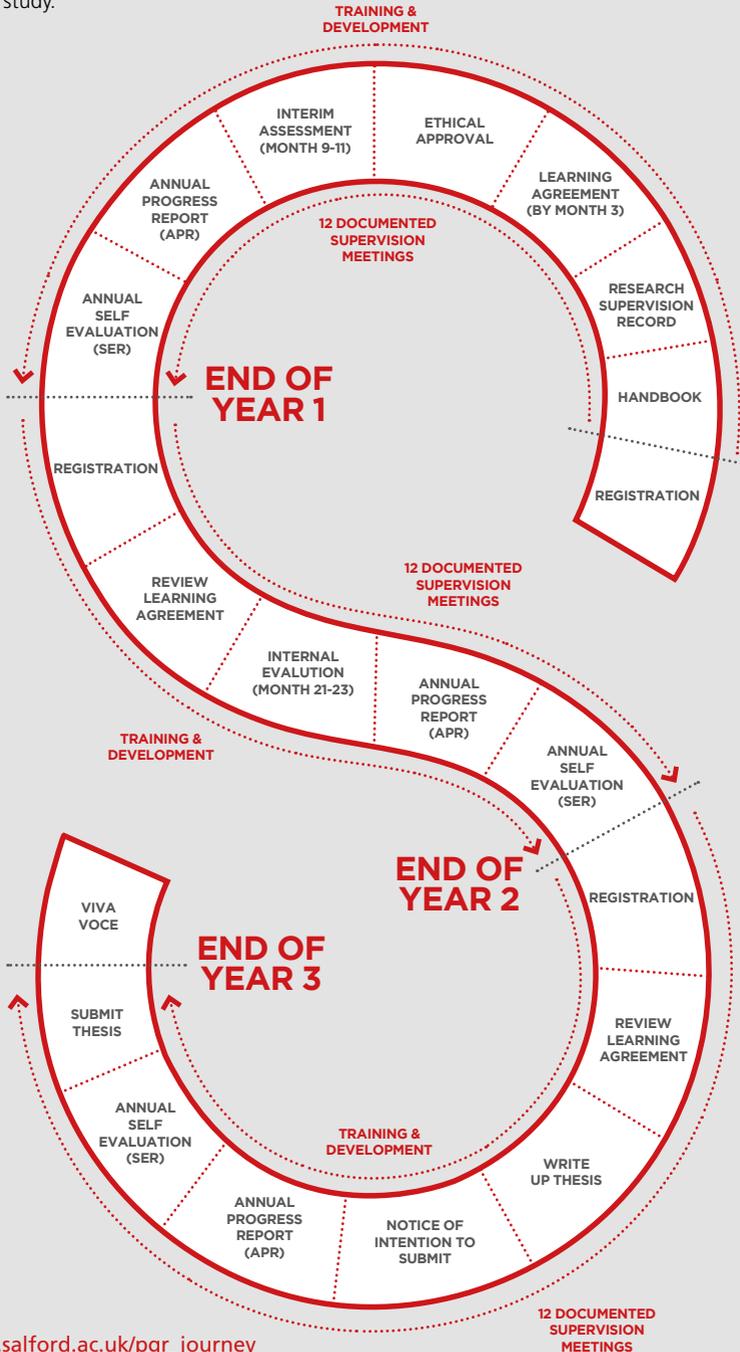
POSTGRADUATE RESEARCH AT **THE UNIVERSITY OF SALFORD**

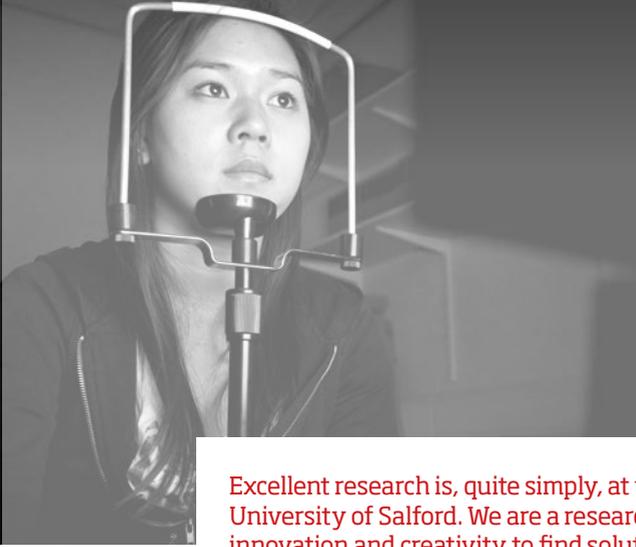
SCHOOL OF
HEALTH SCIENCES



THE POSTGRADUATE RESEARCH JOURNEY

This diagram shows the successive stages of a full time PhD. On our website, you can click on each progression point to find out more. You can also access this information for part time and other modes of study.





Excellent research is, quite simply, at the very heart of the University of Salford. We are a research-driven institution, using innovation and creativity to find solutions to 'real-world' problems. Our multi-disciplinary research environment is recognised around the world and attracts more than 3,000 international students to study at its historic campus close to the city of Manchester.

As well as academic rigour, the University of Salford offers many benefits. Our flexible start dates allow you to begin your study when it is most convenient for you. We have four entry points: 1st October, 1st January, 1st April and 1st July.

There is an extensive range of training and support for the postgraduate researcher at Salford to take advantage of. The Salford Postgraduate and Staff Research Training (SPoRT) programme is designed to help you develop the skills needed for effective research and transferable skills to enhance your employability, whether you are planning a career in academia or elsewhere in the public or private sectors.

Our online doctoral programme enables candidates based outside the Manchester area who cannot commit to a full-time or part-time research degree to complete their PhD studies with Salford.

It's an exciting time to be doing research at Salford. Once at the heart of Britain's Industrial Revolution, the University is now at the heart of 21st century creativity and learning. We are investing in state-of-the-art research facilities to extend our multidisciplinary collaborations and global reach. The research carried out at the University of Salford has a positive impact on culture, on the economy and business, on the environment, health, society and on our quality of life.

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Research groups

We have three research groups who focus on different aspects of biomechanics and physiology who offer the potential for PhD study in a range of areas, including knee osteoarthritis, footwear and orthosis design and biomechanical models of walking.

Another three groups focus on biomedical engineering, measurement technologies and virtual reality and can offer PhD supervision in related topics, including prosthetic limb design and physical activity measurement.

We have a number of well-established researchers in occupation therapy and rehabilitation who have the expertise to supervise related PhDs. Our growing diagnostic imaging group offers the potential for PhD study in the areas of breast cancer diagnosis and dose/image optimisation and our psychology research group offers opportunities for PhDs in a variety of different areas, including developmental conditions and emotional intelligence. Finally, we have two research groups looking at health, wellbeing and the positive benefit of physical activity. More detailed information on possible PhD projects, across all our themes, can be found at:

www.salford.ac.uk/research/health-sciences/research-groups.

Research training

Each of our postgraduate students is assigned a supervisor from the school who is well experienced and active in the same area of research, a co-supervisor or a local advisor, and a personal tutor who will offer support and guidance when needed. Our programmes are further enriched by comprehensive in-house training support, in addition to wider University support, which addresses researchers' needs during all stages of their research. Students have access to the School's state of the art facilities such as the £500,000 Digital Imaging Suite which has a new CT scanner, two new x-ray rooms and associated digital technology; and the Gait Analysis Clinic where researchers can gather detailed data on movement patterns during walking.

Salford Impact

The University of Salford has a long standing and celebrated tradition as an enterprising University which transforms individuals and communities through excellent teaching, research, innovation and engagement. Exemplifying our distinctive cultural heritage, we have developed 'Salford Impact' focused on our track record of connected, co-created, transformational research with the aim of evidencing, developing and celebrating impact.

POSTGRADUATE RESEARCH IN THE SCHOOL OF HEALTH SCIENCES

The Centre for Health Sciences Research is a thriving, multidisciplinary group, focused on improving health outcomes through world-leading research. The research centre comprises twelve separate research groups, each of which offers the possibility to study for a PhD under a research supervisor with a strong academic track record.

We are proud of the positive impact that our research has on people, their health and health care providers. This is reflected in the 2014 REF (Research Excellence Framework) Impact case studies with over 60% of our output recognised as being of internationally excellent or world leading quality.

www.salford.ac.uk/research/health-sciences



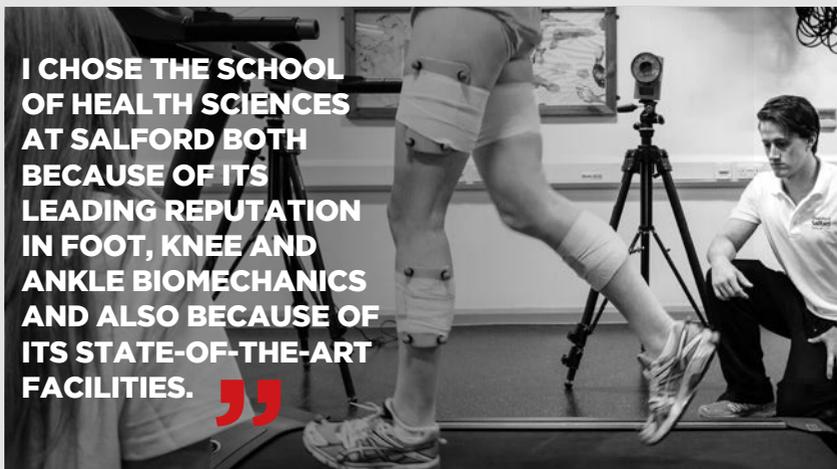
CASE STUDY



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I CHOSE THE SCHOOL OF HEALTH SCIENCES AT SALFORD BOTH BECAUSE OF ITS LEADING REPUTATION IN FOOT, KNEE AND ANKLE BIOMECHANICS AND ALSO BECAUSE OF ITS STATE-OF-THE-ART FACILITIES.

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Lara Al-Khlaifat studied for a PhD in knee biomechanics under Professor Richard Jones “I am a trained physiotherapist from Jordan and wanted to undertake research in the area of knee osteoarthritis.”

“I chose the School of Health Sciences at Salford both because of its leading reputation in foot, knee and ankle biomechanics and also because of its state-of-the-art facilities. My PhD was focused on the development and testing of an exercise programme for patients who suffer with knee osteoarthritis.

Using my clinical training I delivered this programme to 20 patients in a community setting and subsequently assessed its impact on both pain levels and muscle/movement patterns. My study involved a substantial experimental component which required me to use Salford's laboratory facilities to make biomechanical measurement of joint forces and also muscle coordination patterns during walking.

I found my research at Salford incredibly fascinating and felt I was able to advance the academic understanding of knee osteoarthritis. My study, which was recently published in the Journal “Knee”, was one of the first studies showing that muscle coordination patterns can be changed with effective physiotherapy. After completing My PhD, I returned to my home country of Jordan where I now work as a university lecturer.”

HOW DO I DEVELOP A RESEARCH PROPOSAL?

If you already have your idea for a research project and are looking to submit a proposal, here's what we think you should consider:

- 1.** A draft title.
- 2.** A clear statement of the research questions, aims and objectives of the proposed research.
- 3.** A brief literature review noting the key critical writing in the area.
- 4.** Outline of the scope of your research.
- 5.** Outline of the intended methodology.
- 6.** For practice-based research: a list of all proposed outputs for assessment and a note on the resources that may be needed.

You should expect this to be a total of around **1,500 - 2,000 words**.

What qualifications do I need?

A Salford PhD is for academically capable and strongly motivated individuals from around the world who want to develop new and creative approaches that extend existing knowledge and practice and advance their careers.

We accept students who have a first degree (preferably upper second class and above) in a relevant subject and preferably also a Master's degree. We also require a proven level of English language abilities for international students.

What study options are available?

You can take the traditional route to a PhD by studying on campus at Salford where you can access specific study space and research facilities as well as training and supervision support.

You can also follow a completely online route with access to the same training and supervision through our virtual learning environment.

You can study full time (3 years) or part time (5 years).

Our Career Prospects

Students leaving the University with a postgraduate research degree are well placed to lead and manage Health Sciences projects and research. The School's Health Sciences Industry Insight panel enables students and graduates to engage with industry experts and find out more about working in the sector. Many of our graduates are already making a difference in industry and also in academia, by holding leadership positions in organisations and academic institutions across the world.

NEED SUPPORT WITH YOUR ENGLISH LANGUAGE?

The University of Salford offers English language courses designed to help you adapt to living and studying in a UK university environment. Our English and Summer English Study Programmes aim to improve your English language prior to starting your PhD. This also enables you to meet English language conditions for a Tier 4 visa. Once here, our Learn English for Academic Purposes (LEAP) Higher course offers in-session support to improve your academic English, studying a few hours per week alongside your PhD programme.

Find out more on our English language courses; visit:

www.salford.ac.uk/international/salford-languages,
email: salfordlanguages@salford.ac.uk
or give us a call on **+44 (0)161 295 5990**

Opportunities for sharing your research

Salford Postgraduate Annual Research Conference (SPARC) is a forum for developing research, offering a space for postgraduate researchers from all disciplines to exchange ideas. The two-day conference is run annually and as a multi disciplinary event, it attracts a wide audience including researchers from other disciplines. Researchers who take part can actively engage with Salford's PGR community, while also developing confidence and presentation skills at the same time.

Find out more on our website www.pg.salford.ac.uk/sparc_conference

There are also opportunities to present work in research seminars and support is available for researchers to attend external conferences.

What next?

Find out more about postgraduate research at the University of Salford; visit our website www.salford.ac.uk/research/health-sciences or phone **+44 (0)161 295 7027**

Get in touch

We encourage prospective students to contact us so that we can put them in touch with specialist staff with whom they can explore their research ideas and the opportunities we offer.

For more information please contact:

Emma Sutton

Research Support Officer

PGR-SupportHS@salford.ac.uk



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