

## Editorial

*Louisa Peters*

Welcome to the inaugural Post Graduate Researcher (PGR) special edition of the Fields journal, the University of Huddersfield journal of Huddersfield student research. This special edition was born from the 2022 PGR Conference and presents a selection of multi-disciplinary articles from Masters and Doctoral candidates across the University. April 2022 saw the first in-person PGR conference coming out of the pandemic, providing an opportunity to begin rebuilding the PGR community. Therefore, the theme of the 2022 PGR Conference was ‘recovery and resilience’ in recognition of the efforts and determination from Huddersfield PGRs to continue important research in the face of exceptional circumstances. The 2022 conference saw PGRs from across disciplines come together to celebrate and support each other’s achievements. The articles presented in this special edition include award winners from the PGR conference and represent the continued innovations being made by the Huddersfield PGR community, from methodological and technological developments, to broadening healthcare perspectives. This issue provides a thought-provoking read from the latest research being undertaken at the University of Huddersfield, we hope you enjoy reading it.

The first paper stems from the University of Huddersfield Institute of Railway Research, a world-class centre for railway engineering research, development, and technology innovation. PhD candidate **Daniel Woodhead** presents novel contributions within railway research through a new method for investigating the damage resistive properties of rail steels. The research explored the use of weather data to more accurately test real world conditions to measure the effects of Rolling Contact Fatigue (RCF) of railway wheels, which causes microscopic cracks. Daniel’s research makes an important contribution to rail engineering by demonstrating it is possible to run RCF tests that are more representative of real-world conditions.

In the second paper, PhD candidate **Zunaiba Abdulrahman**, from the School of Business, critically reviews current literature to present an informative commentary piece of Shariah governance in Islamic Financial Institutions (IFIs). Shariah is a term relating to religious law that forms a fundamental concept of the Islamic faith, and Shariah governance refers to the overall system that manages the activities of IFIs in line with the principles of Shariah. Zunaiba’s commentary highlights the implementation of different Shariah governance frameworks can lead to inconsistencies in Shariah rulings, which effects consumer confidence. Therefore, an argument is made for a standardised Shariah governance framework.

The third paper presents an exciting commentary from PhD candidate **Ashleigh Naysmith** in the research centre of Technical Textiles, on the future of e-textiles. Ashleigh reviews the current literature to set out the argument for the use of e-textiles to address issues relating to climate change and cost of living. E-textiles have the potential for individual thermoregulation, however there are several obstacles to overcome to make this a reality. In particular, issues relate to linking technologies and avoiding further detrimental impact on the environment are outlined.

Moving into the realm of healthcare, the fourth paper by MRes student **Ellis Hobson** presents important research that shines a light on the experiences of transgender men within healthcare services. The experiences of transgender men have been overlooked within research as subpopulations of the transgender community are often grouped together as one. Ellis's research highlights the persistence of discrimination towards transgender men within healthcare, to the point where it has become normalised and expected by transgender patients. Ellis calls for training for clinicians to improve knowledge on the available healthcare pathways and respectful communication.

The fifth paper presents research by PhD candidate **Pasang Tamang** that contributes to on-going global efforts to improve maternal and neonatal health, and reducing the maternal and newborn mortality rate. Pasang's research focuses on the experiences of women in the rural Jumla region of Nepal, where rates of post-natal care and access to health facilities are lower compared to urban areas. This research highlights the strengths and weaknesses of current maternal care in the Jumla region, and argues improving care quality needs to be guided by women's lived experiences.

The sixth paper moves us into the field of criminology and forensic psychology, where PhD candidate **Alice Siggery** explores the challenges of investigating lone actor terrorism, and argues that manifestos can provide an opportunity to gain a deeper understanding of criminal narratives within terrorism. Alice presents a critical review of relevant literature on current methods of analysis using automated software. She argues that a psychological analysis can provide a better understanding of the language content used by lone actor terrorists, which has the potential to develop a framework to aid the investigative process.

Lastly, co-editor and PhD candidate **Louisa Peters** presents a personal narrative on her experience as a neurodiverse post-graduate researcher, alongside a review of relevant literature around ableism in academia. Louisa argues for an approach within higher education that embraces neurodiversity as a strength that can enhance post-doctoral research, moving away from the 'burden' narrative often associated with disability. As such, this edition ends with a call to action to embrace change, taking another step towards inclusivity.