Welcome to UCL Institute of Healthcare Engineering (IHE)'s Strategy 2030 report.

We are a cross-Faculty Institute, bringing together researchers from across the UCL and our partner hospitals to develop the next generation of digital and medical technologies. Our community works at the forefront of advances in healthcare engineering and digital health, pushing the boundaries in areas where cutting-edge engineering innovation has the potential to transform lives.

We are driven by the world's most pressing and intractable health challenges and have identified four strategic priority areas, outlined in this strategy, where we will focus on accelerating impact over the next 10 years. These are 1) self, shared, primary and community care, 2) timely detection, diagnostics and intervention, 3) healthy ageing and multimorbidity across the life-course, 4) effective and cost-effective healthcare technologies.

Our interdisciplinary reach at UCL means that we are well positioned to harness the power of world-leading experts across multiple disciplines and bring these to bear on the global challenges facing society in the 21st century. Engineering expertise has an imperative role to play in solving these, but engineers cannot do it in isolation. We are focused on building the cross-discipline and cross-sector ecosystem required to tackle these big issues and want to take this opportunity to thank our partners and whole community for the integral role they play.

Delivery of our strategic objectives is enabled through six delivery groups: Careers, Education, Engagement, Global, Research, Translation & Industry. These groups bring together mixed collectives of multidisciplinary academics and professional staff to drive our activity in each area and you will find out more about their plans in this strategy too.

Fundamental to our ethos is building interdisciplinary partnerships, co-producing and co-locating with diverse teams and stimulating meaningful knowledge exchanges. Crucially for its long-term sustainability, we have structurally embedded this approach within the IHE and train the future leaders of healthcare engineering to take these values forward. Our flourishing early-career researcher community is critical to our strategic longevity.

Enjoy reading more about our strategic vision and plans for the upcoming 10 years, and we hope that you will continue to be a close part of our journey!

Best wishes,

Professor Rebecca Shipley, IHE Director

Professor Geoff Parker, IHE Translational Deputy Director

Professor Elizabeth Murray, IHE Clinical Deputy Director

Professor Marianna Obrist, IHE Digital Deputy Director