

The Changing Landscape of Higher Education



Both ASU and DCU are committed to (re)designing education for the future. DCU and ASU already provide students with a strong future-focused curriculum and rich digital learning experience for the 21st century. In this respect both universities can play a leading role in shaping the future of higher education and expanding access to lifelong learning consistent with the mission of transforming lives and societies.

With over 4,000 students and 125 faculty, the DCU Institute of Education holds the greatest concentration of expertise in education on the island of Ireland. ASU's Mary Lou Fulton Teachers College, with over 180 faculty and 6,000 students in campus and online programmes, is globally recognised as a leading innovator in teacher and leadership preparation.

Through collaboration both partners draw on the affordances of 21st century technologies, to promote education that is future-focused, research-led and capable of addressing the global and local challenges that face us.

The institute is committed to promoting excellence in teaching and learning across teacher education and education more generally. This research-intensive institute believes in the importance of generating new knowledge about policy and practice in education and in

using that knowledge to promote social justice, democratic education, intercultural engagement and critical global citizenship. The transformative potential of education and ability of graduates to make a difference is also a strong belief of the institute.

The Institute's programmes are characterised by innovative and student-centred pedagogies that exploit the potential of new learning platforms and digital technologies and promote critical thinking and enquiry-based learning in the context of values-based education. The institute offers a range of programmes for prospective teachers and educators across a number of settings, including early childhood (0-6 years), primary (4-12 years), post-primary (12-18 years) and further education. In addition, it offers a diverse and extensive range of post-graduate programmes, both taught and research-based, at master's and doctoral level.

Faculty of the institute engage in ongoing research across key priority areas in education such as STEM education, assessment and evaluation, literacy, special and inclusive education, social justice education, arts education, digital learning and global citizenship.

www.dcu.ie/institute_of_education

Areas for collaboration include:

- Exploring the potential of new technologies in education / teacher education
- Learning from different models and practices in early childhood education
- Sharing of practice and research in effective pedagogies in teacher education, further education and training
- Developing shared approaches to inclusive education
- Engaging in comparative studies which explore systemic challenges in education in Ireland and in Arizona
- Developing joint research projects focused on priority areas in education such as literacy, assessment and evaluation, cyber bullying and intergenerational learning

ASU's Mary Lou Fulton Teachers College generates knowledge, mobilises people and takes action to improve education.

The Teachers College operates and acts according to four core values:

- Pursue excellence at scale to achieve impact
- Exercise leadership through innovation
- Champion diversity of people and ideas
- Share responsibility for the health of communities

Our faculty create knowledge by drawing from a wide range of academic disciplines such as cognitive science, sociology and psychology to gain insight into important questions about student experience and outcomes. How do children learn? How do different pedagogical approaches function with students of different learning styles and in

varying socio-cultural contexts? How do specific educational policies affect student outcomes and teacher performance? What do we know about effective teaching and how can we apply that knowledge at scale in K-12 education?

Through The Teachers College's bachelor's, master's and doctoral programmes, student teachers are prepared and mobilised to improve student experience and outcomes. In addition to preparing teachers who will thrive and remain in the teaching profession, these academic programmes prepare and support leaders, including school principals, policymakers and executive decision makers. The Teacher College's PhD graduates join the faculties of elite research institutions, where their work adds to the global knowledge base about education. This leads to a global mobilisation of people by innovating new ways to exchange knowledge and best practices with an international community of scholars, educators, administrators and policymakers.

Three highlights are: The Center for Games and Impact, which investigates, innovates and cultivates game-infused solutions to society's biggest challenges; Sustainable Science Education for Teachers, which empowers kindergarten to eighth grade teachers with an understanding of how science, technology, design and effective governance can create a sustainable society; and the Center for the Art and Science of Teaching (CAST), which will foreground teaching as the subject of a rich body of scientific evidence and will scale understandings about teaching to enhance teacher education.

education.asu.edu

gamesandimpact.org

sustainabilityscienceeducation.asu.edu



Dr. Mari Koerner
Professor and Dean
Mary Lou Fulton Teachers College

E: mari.koerner@asu.edu

W: education.asu.edu



Ms. Maeve Fitzpatrick
Project Manager
DCU Institute of Education

E: maeve.fitzpatrick@dcu.ie

W: www.dcu.ie/institute_of_education