

# Munster Technological University (MTU)

## - CINNTE Review 2024

### The Review Team



#### Chair

**Professor Cara Aitchison** has 35 years of experience in higher education, including senior leadership roles in England, Scotland and Wales. She was President and Vice-Chancellor of Cardiff Metropolitan University from October 2016 to January 2024 where she led increases in turnover, on-campus students and transnational students. The University was named *Times Higher Education* 'UK and Ireland University of the Year 2021' and *People and Planet's* 'Most Sustainable UK University 2022/23'.

Professor Aitchison was previously Vice-Chancellor and Chief Executive of Plymouth Marjon University (2013-2016), Head of Moray House School of Education and Chair in Social and Environmental Justice at Edinburgh University (2010-13), Dean of the Faculty of Education and Sport at the University of Bedfordshire (2008-10), Professor in Human Geography at UWE Bristol (2003-08), and spent her early higher education career in London.

Cara's most recent external roles include her Scottish Government public appointment to the Board of Trustees of the Royal Botanic Gardens Edinburgh (2023-), Council Member of the All Party Parliamentary (Universities) Group (2022-2024), Board Member of Cardiff Capital Region City Deal Economic Growth Partnership (2019-2022), Chair of UUK's Staff-to-Student Sexual Misconduct Advisory Group (2018-2022), Member of CBI Cymru/Wales (2016-2022) and Council Member of the Academy of Social Sciences (2015-2021).

Cara was born and educated in Scotland and has now returned to live in Stirling. She completed a Geography degree at Edinburgh University before undertaking a series of postgraduate and teaching qualifications including a PhD at Bristol University. She is a Fellow of the Academy of Social Sciences, Royal Geographical Society, Learned Society of Wales, and the Higher Education Academy.



#### Coordinating Reviewer

**Professor Brian Bowe** is the Head of Academic Affairs at Technological University Dublin. Brian graduated with a PhD in Physics from Trinity College Dublin in 1999 and a Masters in Higher Education in 2005. In his academic career to date, he has been a lecturer, Assistant Head of School and Head of Learning Development. He has facilitated over 300 education development workshops worldwide and consulted for numerous higher education institutes on topics such as problem-based learning, assessment, curriculum development, quality assurance, group learning and peer instruction. His research interests include examining students' approaches to learning within group-based project-driven pedagogies, gender studies in STEM education, cognitive development, conceptual understanding, sustainability, and pedagogical evaluations, employing a wide range of methodologies, including phenomenology and phenomenography. In 2000, he formed the Physics Education Research Group and in 2008 he established an Engineering Education Research Group which later evolved into the CREATE (Contributions to Research in Engineering and Applied Technology Education) research group.

As Head of Academic Affairs, Brian leads a team responsible for: quality assurance and enhancement; learning, teaching and assessment support, development, and innovation; academic information systems; academic governance and the development of academic policies. Digital Education, Academic Integrity and Education Innovation Projects are also key focus areas for Academic Affairs.



**Yvonne Overdeest** is senior policy advisor at NVAO, the Accreditation Organisation of the Netherlands and Flanders. In this capacity she coordinates initial accreditation audits, and accreditation activities at both programmes and institutional level. She also manages internal and external professionalisation. Her interests are student involvement, teacher training, and internationalisation of HE. She is a member of ENQA's working group on academic integrity and has recently been involved in establishing policy and producing a framework for work-based learning.

Yvonne Overdeest worked at universities in various countries for twenty years before moving into quality assurance. She taught intercultural communication and English for specific purposes to students of engineering, healthcare, communications, political sciences, business and marketing, and ICT. Having entered the education field as a lecturer, she also spent some time in management.

Though Yvonne now works in QA, she still teaches, when possible, in order to follow developments in education that can inform her work in QA. She also delivers trainings for the European Student Union and ECA.

She holds an MA in English literature, an MA in education, and an MA in applied linguistics.



**Eoin Crossen** is in his second term as Vice-President for Academic Life in Dublin City University (DCU) Students' Union, having completed a BEd in Primary School Teaching on the DCU St Patrick's Campus, with a specialism in socially inclusive music education.

Eoin has been an active member of the National Academic Integrity Network (NAIN) in Ireland, as well as contributing to a number of QQI events on subjects such as academic integrity, artificial intelligence, and quality assurance.

As a student, Eoin was an active class representative, as well as serving as both first year officer and class representative council chairperson on the DCU Students' Union executive.



**Sarah Lynn** is currently Program Director for Novartis Ireland and has had a long-standing career in leading significant strategic, transformation initiatives resulting in the design and delivery of new Programs Products and Services solutions.

Her background has brought her from engineering mechanical design to working in program, business and customer management in SMEs, start-ups and global multi-nationals in mainly Technology and Pharma industry sectors.

Companies worked for include Fujitsu (ICL), UK DTI and EU (R&D funding initiatives), AC Nielsen, Eurologic and Microsoft.

Sarah has extensive experience with managing teams and a passion for people development and mentoring.



**Professor Jakob Stoustrup** has received M.Sc. (EE, 1987) and Ph.D. (Applied Mathematics, 1991) degrees, both from the Technical University of Denmark. From 1991-1996, he held several positions at the Department of Mathematics, Technical University of Denmark. From 2006-2013 he acted as Head of Research for the Department of Electronic Systems, Aalborg University. From 2014-2016, he was Chief Scientist at Pacific Northwest National Laboratory, USA, leading the Control of Complex Systems Initiative. From 2017-2023 Stoustrup acted as Associate Dean at the Technical Faculty of IT and Design, Aalborg University. From 1997-2013 and since 2016, he has acted as Professor at Automation & Control, Aalborg University, Denmark.

Professor Stoustrup has acted as Associate Editor and Editorial Board Member of several international journals. He has served as General Chair, Program Chair, and IPC member for several international conferences and is a member of the IEEE CSS Board of Governors. He is a past Chairman of IEEE CSS/RAS Joint Chapter and is Chair for IEEE CSS Technical Committee on Smart Grids. In 2013, he was appointed as the first IEEE CSS Wikipedia Editor. He is Chair for the IFAC Technical Committee SAFEPROCESS and a member of the IFAC Technical Board. He has received the Statoil Prize, the Dannin Award for Scientific Research and several conference paper awards. He received the Chivalric Order of the Dannebrog for his research contributions. Professor Stoustrup is a member of the European Research Council as well as the Danish, Norwegian and Swedish Research Councils. He is a member of The Danish Academy of Technical Sciences, where he has acted as a Board Member.

Professor Stoustrup's main contributions have been to robust control theory and to the theory of fault tolerant control systems. With co-workers, he has proposed a novel Plug-and-Play Control framework. He has published approx. 350 peer-reviewed scientific papers. H-index: 50. Apart from the theoretical work, he has been involved in applications in cooperation with 100+ industrial companies, including acting as CEO for two technological start-up companies.