

Laoise McNamara



Professor Laoise McNamara is an Established Professor of Biomedical Engineering and Vice Dean for Research and Innovation in the College of Science and Engineering at the National University of Ireland Galway. She leads the Mechanobiology and Medical Device Research group (www.mechanobiology.ie), who use multidisciplinary approaches to understand mechanobiology and how this process contributes to bone development, osteoporosis and cancer metastasis. She is a member of the Executive board and Platform Lead for the Science Foundation Ireland (SFI) funded Centre for Research in Medical Devices (www.curamdevices.ie). She collaborates with Stryker, Boston Scientific and Medtronic applying her expertise in computational and experimental biomechanics to the pre-clinical assessment of surgical and minimally invasive medical devices. Professor McNamara has been awarded two ERC Awards (Consolidator and Starter), an Irish Research Council Laureate Award, a Science Foundation Ireland Investigators Grant and various other funding. She was awarded the Irish Research Council “Researcher of the Year” award in 2019, a NIRA award by the Orthopaedic Research Society, and the Harold B. Frost Young Investigator Award by the American Society for Bone and Mineral Research. She has published more than 90 research articles and has been a reviewer for over 40 peer-reviewed international journals, and international funding panels.

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