

Professor Glen M Davis OAM FACSM



Glen Davis received his undergraduate degrees in physical education from the University of Ottawa (1974) and his Doctorate (PhD) in exercise physiology from the University of Toronto in 1986. He was conferred Fellow of the American College of Sports Medicine (FACSM) in 1987 and received the prestigious Order of Australia (OAM) for research and service to spinal cord injury rehabilitation in 2014.

Currently, Dr Davis is Professor of Clinical Exercise Sciences at the University of Sydney, where he is also Director of the Clinical Exercise and Rehabilitation Unit within the Faculty of Health Sciences. He is Chair of the University of Sydney Human Research Ethics Committee. He holds a Professorial appointment in the Department of Biomedical Engineering within the Faculty of Engineering at the University of Malaya, Malaysia.

Professor Davis's main research and innovation activities are to deploy novel assistive technologies, surveillance technologies and other medical devices to clinical populations to improve 'dose-potency' of exercise for health, fitness and functional outcomes in these populations. He has a particular focus on the use of functional electrical stimulation (FES) and robotic technologies, including neuroprostheses, for individuals with spinal cord injury and stroke, to improve their exercise quality, guide clinical exercise prescription and increase their aerobic fitness and muscular strength for improved activities of daily living.

Professor Davis has been Chief Investigator on numerous national and international projects with research income exceeding AUD12M. These have included projects funded in Australia and Malaysia into exercise for breast cancer survivors, increasing physical activity in community-embedded individuals with intellectual disability, exercise prescription using medical devices for chronic stroke patients, use of body-worn sensors as feedback arrays to FES systems, FES robotic systems for walking, and FES-cycling exercise in persons with spinal cord injury. On these topics, Dr Davis has published 19 book chapters and over 94 peer-reviewed journal articles.

Professor Davis has been Vice President of the International Functional Electrical Stimulation Society (IFESS), where he is a life member. He is also member of Exercise and Sports Sciences Australia, Sports Medicine Australia and the American College of Sports Medicine.