The University of Florida's Department of Mechanical & Aerospace Engineering in the Herbert Wertheim College of Engineering pursues greater understanding of the fundamentals of force, displacement, energy, and evolution of motion as a means to develop predictive theory, design, manufacture, power, and control systems. We explore the combination of physics, mathematics, data, and information with advances in AI & machine learning to educate our diverse world and address enduring societal problems. Through innovations from 68 faculty members and more than 3,200 undergraduate and graduate students, the department has comprehensive body of research in all areas of Mechanical and Aerospace Engineering with world-class renown in areas such as Autonomy, Multiphase and Multiscale Dynamics, Cryogenics, Soft Matter, Thermal Transport, Alternative Energy Systems, and others. As a result, we are privileged to lead multiple large-scale federal Centers of Excellence and have strong industrial networks.