

Preferred background

- Strong multidisciplinary background with interest in mechatronics, instrumentation, system engineering or biomedical application
- Demonstrated academic interest and aptitude to pursue higher degree
- Knowledge of nanomaterials, semiconductors or MEMS is advantageous

Research topics available:

- Any of these areas: (1) wearable sensors; (2) non-invasive sensors and devices for regular Vascular Access (VA) surveillance; (3) mechanistic studies of gut microbiota-brain interactions using microfluidics; (4) microfluidics approaches for leukocyte sorting and functional characterization In type 2 diabetes patients; or (5) MEMS sensors for space applications

Group PI: <http://www.mae.ntu.edu.sg/aboutus/FacultyandStaff/Faculty/Pages/holdenli.aspx>