

Full-Time Faculty Position

Department of Biomedical Engineering, National Yang Ming Chiao Tung University, Taiwan

Full description

The Department of Biomedical Engineering at National Yang Ming Chiao Tung University is seeking candidates for a tenure-track position. Candidates with research emphases in mechanical and biomedical engineering are encouraged to apply. However, the department intends to build on our strengths in advanced mechanical design, micro-nano manufacturing technologies, and the development of smart medical devices and equipment for biomedical applications. The ideal applicants will be highly motivated to set up successful research, conduct quality teaching, and actively attract external research funding.

The department currently has 15 tenured and tenure-track faculty and affiliated faculty from various academic and medical institutes outside the University. The department is well represented at major research centers on campus and in collaboration with several hospitals, including the Taipei Veteran General Hospital and several medical centers in Taipei. The annual research funding in the department well exceeds US\$ 1.5 million. We have active educational programs at the undergraduate, master's, and Ph.D. levels. There are more than 200 full-time enrolled undergraduate and graduate students. More information about the Department can be found at <https://ymbme.nycu.edu.tw/index.php/en-gb/>

Qualifications

- Applicants must hold an earned doctorate in biomedical engineering and related fields with forward-thinking in
 - Advanced mechanical design, simulation, and manufacturing technologies (microelectromechanical, microfluidics, micro-nano manufacturing process, precision engineering, mechanics and motion analysis and simulation, tissue and cell mechanics);
 - Development of smart medical devices and equipment;
 - Applications of biomechanics and ergonomics in rehabilitation medicine, geriatric medicine, and preventive medicines.
- Candidates must have demonstrated an ability to conduct outstanding independent research and show promise for excellent teaching, mentoring, and entrepreneurship in all areas.
- Applications at levels will be considered but assistant or associate professor level is highly favored.

Application Instructions

- Applicants should submit

- A cover letter with complete contact information.
 - A curriculum vitae.
 - Official transcripts.
 - Certificates of academic qualifications. For certificates issued by foreign academic institutes, please certify all certificates by R.O.C. embassies or consulates.
 - A research statement.
 - A teaching statement for 3 courses from the following list: Calculus, Engineering mechanics, Mechanics of materials, Design of machines and mechanisms, Manufacturing engineering and technology, and Computer aided design.
 - A list of relevant publications.
 - At least two references.
 - Other supporting documents such as awards, honors, or patents.
- Candidates must submit their applications by August 02, 2023. The department will start the review process immediately after the due date.
 - A formal interview will be arranged once a shortlist of candidates is finalized by the faculty selection committee. The department will contact the potential candidates for details of the interview.

Contact Information:

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