Research Fellow Position in Flexible Electronics

Job Description

A post-doctoral position is available for three years with competitive remuneration and benefits. We are looking to recruit a highly motivated candidate who has a strong background in the design and development of custom printed circuit boards and integrated circuits. The focus of the grant-funded project is to design and develop a customized PCB and IC for a medical device for diabetic foot ulcer detection, management, and rehabilitation using innovative manufacturing techniques.

For this project the successful candidate will develop and apply various manufacturing techniques in the development of a soft, conformable, wearable device. We aim to develop tools:

1. To improve the diagnosis/prognosis of diabetic foot ulcers
2. To aid in the management of diabetic foot ulcers

The candidate will work closely with an NUS spin-off, Flexosense, and will be expected to interact with engineers, computer scientists, and clinician scientists.

Job Requirement

Applicant should have:

- A PhD degree in Electrical/Electronic engineering
- Experience working on IC and PCB design, as well as mobile app development will be advantageous
- Highly motivated with ability to work independently
- Organized and responsible team member
- Good writing and verbal communication skills

Application

Please send your application including a cover letter, detailed resume and names of three references to:

Professor Lim Chwee Teck (Email: ctlim@nus.edu.sg)

Only shortlisted candidates will be notified.