

Immediate Vacancy: Short-term Full-time RA Position

Title of the Project: Statistical Models for Malaysian Women Foot Shapes and Sizes

Institute of Mathematical Sciences

Opening for a short-term full-time RA position in the field of 3D foot shape analysis and modelling. Funded by University Malaya Research University Grant Scheme (UMRG). The start date is as soon as possible.

Salary: RM3000 per month for 5 months

Candidate Requirement:

1. Excellence in programming in MATLAB environment in image analysis and 2D and 3D imaging.
2. Knowledge in statistical analysis such as clustering and regression is necessary.

Task:

1. Modeling the foot shape using Fourier descriptor and other possible shape model
2. Clustering of the Malaysian foot shape.
3. Classification of the Malaysian foot shape.

Output:

1. One journal ISI-index paper
2. One conference proceedings ISI-index paper

Interested candidate please submit your resume and scanned copy of your transcript and degree Bachelor/Master/Phd to **Assoc. Prof Dr Omar Mohd Rijal (omarrija@um.edu.my)** .