Name: Shakti Narayana Menon

Introduce yourself in a brief paragraph:
I have research experience in several areas of applied maths and physics. My Honours project was in theoretical astrophysics, on the topic of plasma waves in pulsar magnetospheres. My Phd thesis was on the topic of bifurcations in chaotically stirred reaction-diffusion systems. A core aspect of my work was the investigation of the bifurcation scenario that arises when excitable media are subjected to such flows. I am currently a Postdoctoral Research Associate at QUT, in the area of mathematical modelling of wound healing. Specifically, I am modelling the contraction of fibroblastpopulated
collagen lattices as well as the effect of keratinocytes on the wound healing process.