## A Machine Learning approach to Febrile Classification

by

Theodore Paul Kostopoulos

A Thesis

Submitted to the Faculty

of the

WORCESTER POLYTECHNIC INSTITUTE

in partial fulfillment of the requirements for the

Degree of Master of Science

in

**Biomedical Engineering** 

APPROVED:

May 2018

Dr. Kwonmoo Lee, PhD., Major Advisor

Dr. Songbaj Ji, PhD., Committee Member

Richard McDuffie, Committee Member

James Gorsich,

Committee Member