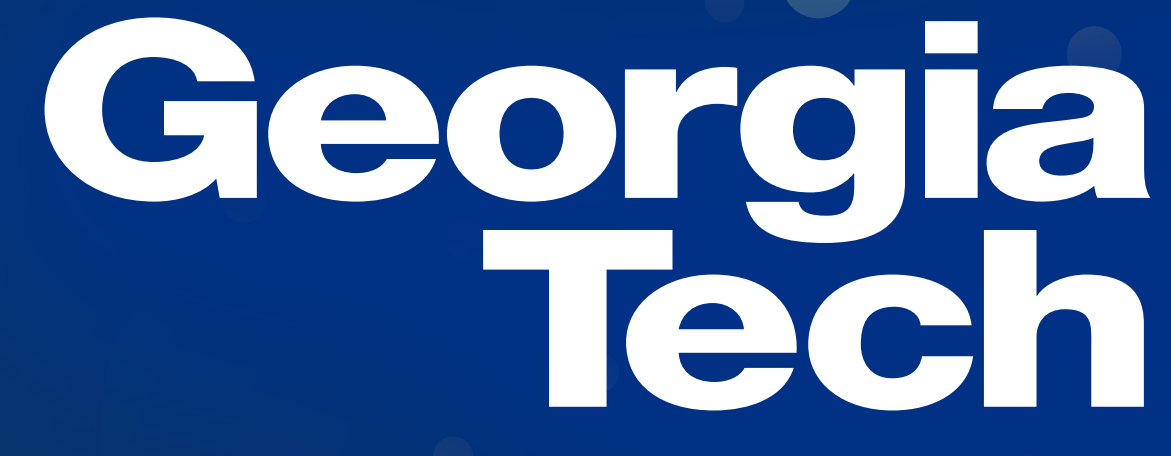




Anjana Dissanayaka

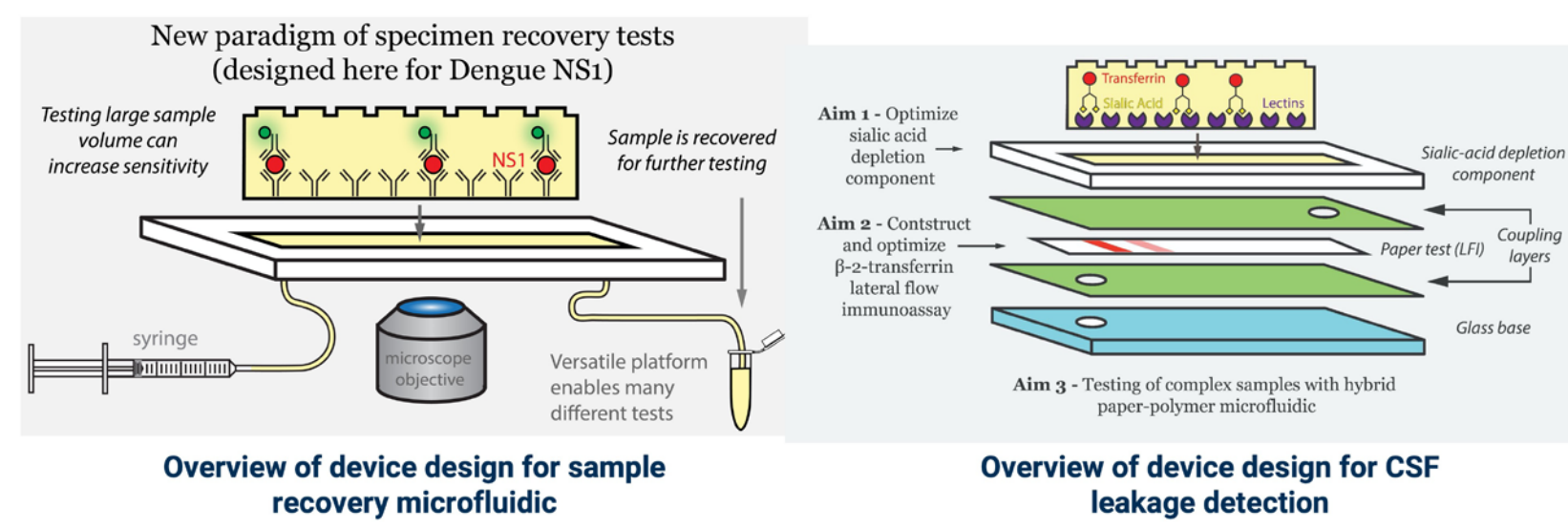
Northside Hospital Award
Ph.D. Student, Biomedical Engineering
Third Year ARCS Scholar



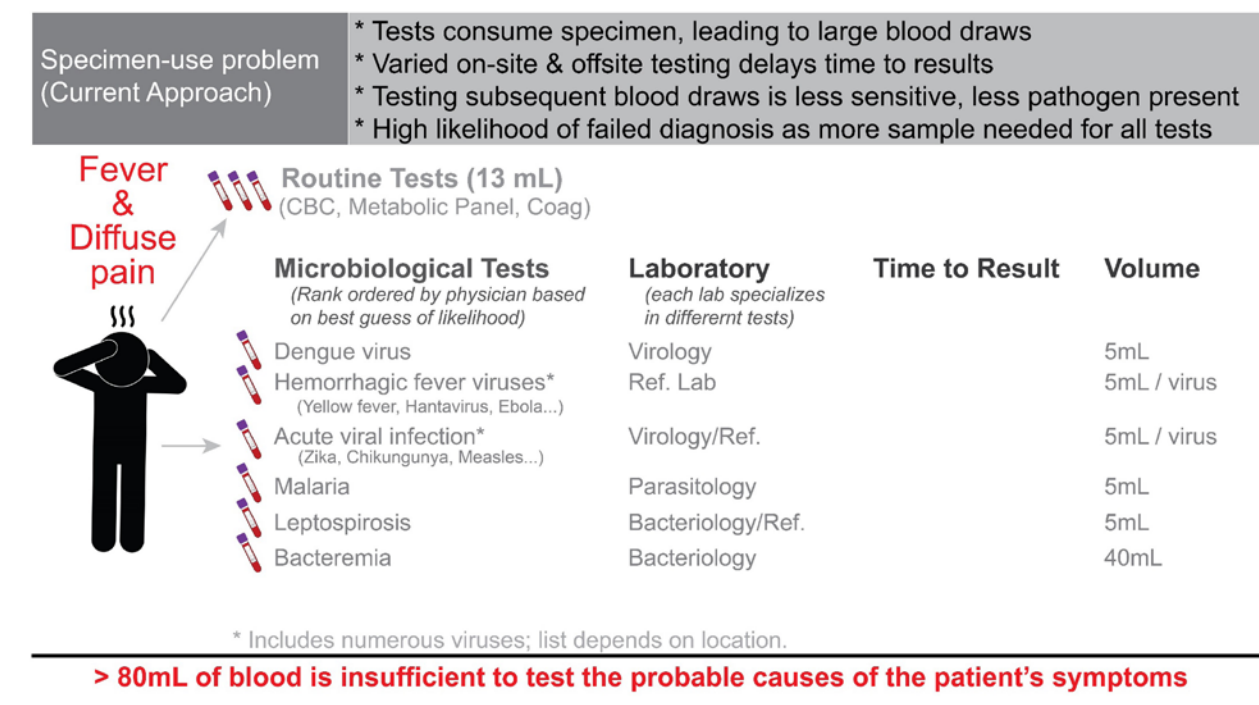
Low-cost diagnostics leveraging microfluidics

Recognizing the clinical need for rapid, low-cost diagnostics for infectious diseases, we leverage microfluidics to develop novel point-of-care tests for diseases such as Dengue Virus.

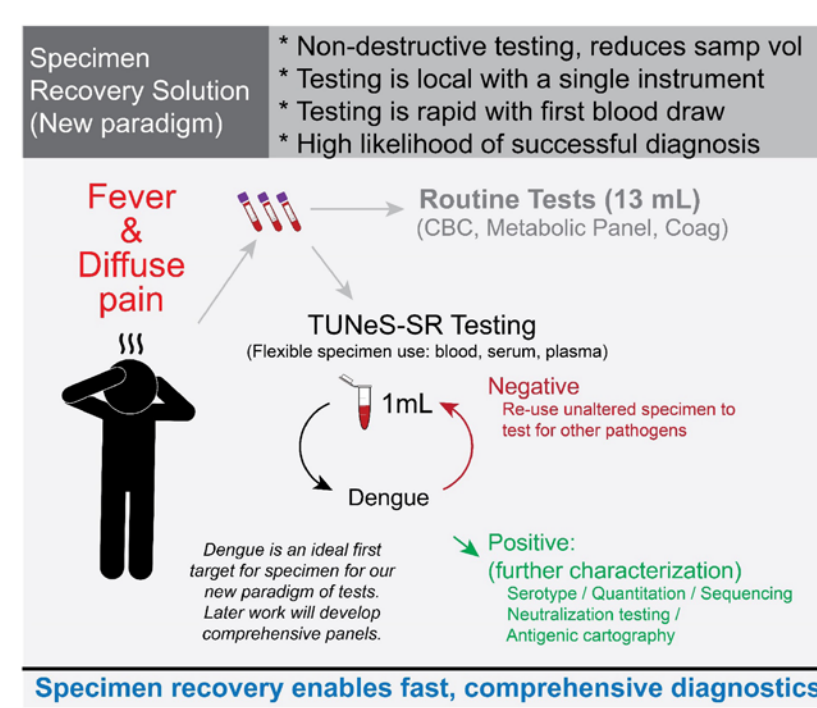
Applying microfluidic technology to create low-cost diagnostics



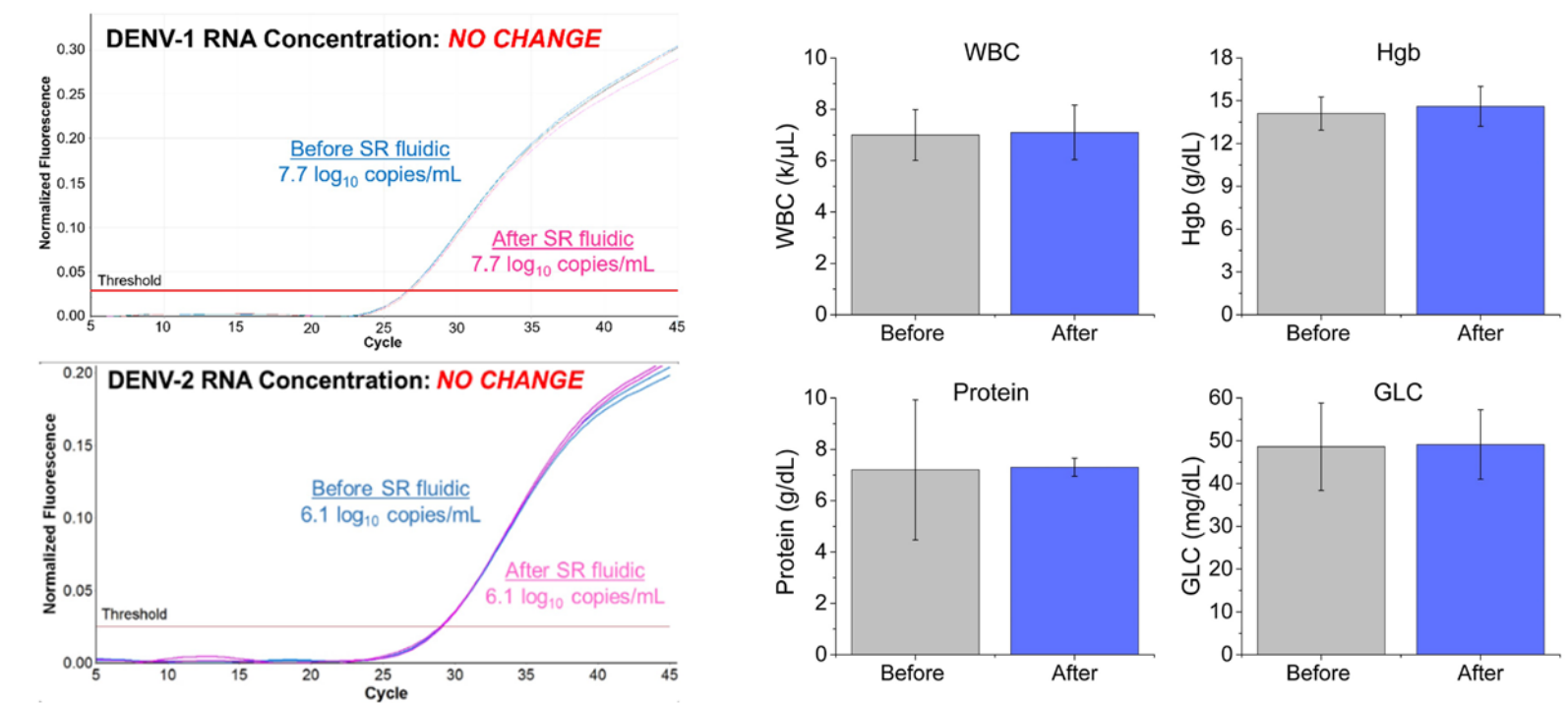
Addressing the specimen-use problem



Sample Recovery Solution



Pre- and Post- Clinical Tests



Current Work: Applying machine learning for carbapenemase class detection

