

siam Research
@WPI Talk

Molecular Diagnostic Patient Testing and DNA Sequencing

A Melting Pot of Biology, Programming, and Mathematics



Angela Leo Kenyon
(WPI '06, '08)

Senior Programmer Analyst
LabCorp

Monday, April 6
11 a.m. — 12 p.m.
SH 304

Molecular diagnostic patient testing requires a high degree of accuracy and reproducibility. Mathematical algorithms are designed to convert raw data into an interpretable result for the end user in an automated fashion. The algorithms must be robust, sensitive, and efficient. One must exercise interdisciplinary knowledge across the fields of biology, mathematics, and programming to design and implement a sophisticated solution.

Coffee hour to follow
2—3 p.m. in SH 203

