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Building a Better Mousetrap: Using Information Visualization Approaches to Redesign a Diagnostic Report

As more and more public health agencies begin to implement whole genome sequencing as a tool for routine diagnostics and/or surveillance activities, there are several larger questions that need to be addressed, including “how do we best report this complex data type to our end-users”. As part of a collaboration with Public Health England, who are currently implementing genomics in their mycobacteriology reference laboratories, our team undertook a “design study” to answer this question. Using approaches drawn from the field of information visualization, we set out to design a better, more intuitive, interpretable report.

Jennifer Gardy, PhD,

Senior Scientist (Genomics) at the BC Centre for Disease. Assistant Professor, School of Population & Public Health, University of British Columbia. Canada Research Chair in Public Health Genomics

Rounds are held weekly on Mondays from 12:00 pm to 1:00 pm in the VGH Research Pavilion, Room 700, 7th Floor, 828 West 10th Avenue, Vancouver, BC.

Visit www.C2E2.ca for information about previous and upcoming rounds. If you are interested in presenting or attending remotely please email pamela.lee@ubc.ca.