

2nd Annual High School Teacher Gene/Environment Workshop

- WHAT:** An opportunity to discover how genetics is being investigated and how it will be applied to future lung and heart health.
- WHERE:** iCAPTURE Centre at St. Paul's Hospital, Vancouver.
- WHEN:** July 5-7, 2004.
- WHY:** To provide teachers with accurate and current scientific information that they can teach in their classrooms to allow students the opportunity to make an informed decision surrounding their own thoughts on the issue of genetics and those related to their own health.
- HOW:** By interacting with scientists studying the role of genetics in lung and heart disease.

DETAILS:

Lectures/Discussions:

1. Introduction to Genetics
2. Introduction to populations with lung or heart disease being studied
3. Introduction to human genome project
4. Bioethics
5. Linking genes to environment
6. Introduction to Bioinformatics

Laboratories:

1. Isolating DNA
2. Automation and genetics
3. Genotyping via fluidity technology
4. Genotyping via chip technology (APEX)

Take home Classroom Kit

HONORARIUM:

All participants will receive a \$200 honorarium in acknowledgement of their time. Parking and lunch will be provided during the workshop.

ENROLLMENT: Please contact Treena McDonald at tmcdonald@mrl.ubc.ca or at 604-806-8346. Limited space is available.

