

Research & Innovation Week

Lakehead University

March 1 - March 7, 2014

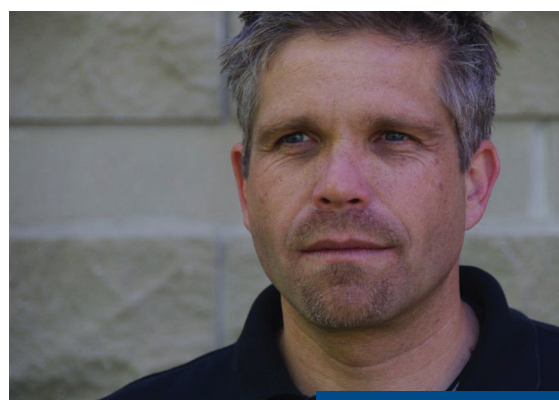
Over the course of history we humans have succumb to many epidemics, but two of them have claimed an estimated 100-150 million lives.

These were the Plague of Justinian from 540 - 543 AD and the “Black Death” From 1347 through 1351.

This was an estimated 30 – 50% of the European population living at the time. In the last several decades, a number of studies have fueled controversial claims and that the prevailing view, that the disease was caused by an outbreak of *Yersinia pestis* (bubonic plague), was not likely the cause. Using ancient DNA data garnered from victims of the Roman and medieval outbreak and modern genome sequencing we identify the bacteria ‘responsible’ for these pandemics.

Faculty of Science and Environmental Studies Speaker Series

The **BLACK DEATH** and the **PLAGUE** of Justinian: Hunting, Trapping and Taming **PANDEMICS** of the Past



with
Dr. Hendrick Poinar

Described by CBC's The Nature of Things as “Doctor Who meets Indiana Jones”



Monday March 3
7:30 in ATAC 1003 with
video-conference to
Orillia in OA 1033



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