

NOT ONLY EINSTEIN
Winter 2014 Lecture Series

Tuesdays, January 7 to March 11, 10 a.m. to 12 noon
Fairfield Seniors' Centre, 80 Lothian Avenue, Etobicoke

416-410-6204

www.learningunlimitedetobicoke.com

Beyond the pop-scientific image of super-human geniuses, what do we know about the real men and women who made our techno-scientific world? These scientists and mathematicians, whose names now belong to our collective memory, were children of their place and age.

January 7 – Isaac Newton Everyone knows about the falling apple and his system of the world, but what happened to his writings on theology and alchemy?

January 14 – Charles Darwin His *Origin of Species* changed forever how we see the place of humankind in the world. Presenter - Dr. Conor Burns

January 21 – Francis Galton An eccentric British polymath, he applied statistics to human inheritance and invented biometrics. It was a statistical revolution.

January 28 – Fritz Haber With his chemical exploits, he made “bread from air”, but also explosives and poisonous gas. He gave it all for the glory of his fatherland Germany, but died in exile because he was a Jew.

February 4 – Maria Sklodowska-Curie The first woman to teach at the Sorbonne, she founded the science of radioactivity at the intersection of chemistry, physics and medicine.

February 11 – Albert Einstein The “elusive icon” of the twentieth century, and the scientist whose eyes seemed “to have witnessed creation itself”, he was a passionate man, deeply involved in the socio-political life of his time.

February 18 – Rosalind Franklin She contributed decisively to the discovery of the structure of DNA. Why was her achievement not recognized? Presenter - Dr. Jill Lazenby

February 25 – Julius R. Oppenheimer A theoretical physicist who became the father of the atomic bomb, he opposed the arms race during the Cold War and was unjustly accused of espionage. Caught between scientific success and moral ambivalence, he symbolized the role of science at the dawn of the Nuclear Age.

March 4 – Rachel Carson She was the marine biologist and nature writer whose 1962 book, *Silent Spring*, denounced the damage caused by DDT and other pesticides, and launched the environmental movement. Presenter – Dr. Conor Burns

March 11 – Alan Turing He was the father of computer science, a key man in the code-breaking enterprise at Bletchley Park during World War II, and a pioneer of artificial intelligence, but he was also a victim of sexual prejudice in postwar Britain.

Coordinator and Presenter: Dr. Daniela Monaldi, York University
Researcher and Chairperson: Shirley Hartt

Registration Fee: \$30.00 per person per series

Each person enrolling must be, or become, a member of Fairfield Seniors' Centre

