

# SCIENCE SEMINAR

Thursday, March 28

Carson Taylor Hall room 322

## The Mystery of Matter: “INTO THE ATOM”

One of the most profound shifts in our understanding of matter occurred over a 40-year period that began on the cusp of the 20th century. Up to that point, nearly all scientists subscribed to two unshakeable beliefs about matter:

- The first was that atoms were the smallest units of matter.
- The second was that these atoms were stable and permanent.

By the end of that 40-year period, however, a rapid-fire series of discoveries by scientists across Europe had shattered both these bedrock principles. The unchangeable, unsplittable atom had been debunked. In its place was a radically new view in which matter was more malleable, more unstable – and more potent.

This is a documentary dramatizing the discoveries of great scientists such as Curie, Ernst, Moseley and Rutherford who helped to unravel “The Mystery of Matter.”

**Come at 3:30pm for refreshments, speaker at 4:00pm**