

Informal Conversation with the UR Chemistry Department:

To occur at 1:30PM to a public audience of UR Chemistry, Chemistry Majors, & other science students and faculty, ~80+ will be in attendance.

Title and Abstract:

Choices and Surprises in a Life Journey

Every individual is faced with choices imposed by chance, by need, and by an internal calling. Choices have consequences. The recounting of some personal choices and surprises from an older generation will, it is hoped, illicit questions and dialogue from a younger generation. As a material science pioneer, his discovery and characterization of Lithium Cobalt-Oxide and Lithium Iron Phosphate made the modern Lithium Ion Battery possible, and has made them ubiquitous. From growing up in a Connecticut farmhouse with a “kerosene stove and an icebox for food,” Dr. Goodenough has spent a lifetime thinking about energy. As a result, his discoveries have had a major impact on literally everyone. And now at age 95, his latest discovery promises a new kind of battery that would be so cheap, lightweight, energy dense, and safe that it could revolutionize the energy landscape, as well as revolutionizing the electric car. So, come join us as we hear the amazing story of this amazing scientist.

<https://www.nytimes.com/2017/04/07/opinion/sunday/to-be-a-genius-think-like-a-94-year-old.html>

<https://spectrum.ieee.org/energywise/energy/renewables/does-new-glass-battery-accelerate-the-end-of-oil>

<https://news.utexas.edu/2017/02/28/goodenough-introduces-new-battery-technology>