

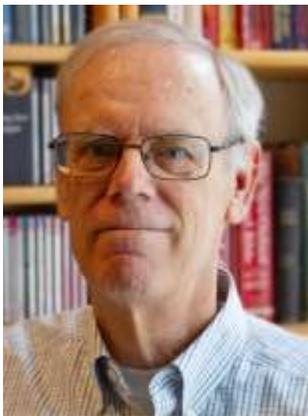


RETIRED MEN'S ASSOCIATION OF GREENWICH, Inc. (RMA)
Invites you to its meeting **March 18, 2020** at 11:00 a.m.
First Presbyterian Church, Lafayette Place, Greenwich, CT

Dr. Steve Holmes, Ph.D.

What's Out There and Where's It Going: The 20th Century Revolution in Cosmology

Throughout most of human history the heavens were viewed as eternal, infinite, and unchanging. This view was completely upended over the course of the last one hundred years starting with Einstein's theory of gravity, through Hubble's discovery of the expanding universe, and culminating in the discovery of the accelerating expansion at the very end of the century. We now know that our universe had a beginning; what we do not know is how or if it will end. Central to our current understanding of the universe is a mysterious phenomenon called "dark energy," the nature of which is poorly understood, but which governs the future.



Steve Holmes will describe this story as it played out over the 20th century and highlight some of the outstanding questions for which we seek answers in the 21st.

Dr. Holmes holds a PhD in experimental particle physics from Harvard University. He spent five years on the faculty of Columbia University, followed by thirty-five years on the scientific staff at the Fermi National Accelerator Laboratory. His area of expertise is the design, development, construction, and operation of high-energy particle accelerators. He has a long-term interest in astronomy and astrophotography. Dr. Holmes is a Fellow of the American Physical Society.

Steve Holmes' presentation is co-sponsored by the Greenwich Library.

Following his lecture, the Library is hosting a community discussion led by physicist Dr. Steve Holmes on "**The World is Round, but the Universe is Flat - What's going on here?**" The discussion will be held in the Jewel Room from 2:00 to 3:00 p.m. The public is invited, but participants are required to register using the library's online calendar.

Next Week: March 25, Andrew S. Winston, Globally recognized expert on sustainable business, "**MegaTrends and the Big Pivot: Profit and Innovation in a Hotter, Scariest and More Open Connected World**" *The Greenwich Retired Men's Association offers a free program every Wednesday that is open to the public, both men and women; no reservations are required. Our social break starts at 10:40 AM followed promptly by our speaker at 11:00 AM. Programs are at the First Presbyterian Church, 1 West Putnam in Greenwich. For additional information see www.greenwichrma.org or contact info@greenwichrma.org.*

