

Scientific Literacy Taught by a Physicist

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Planetary Hall, Room 120

In today's information age, we are bombarded with an overwhelming amount of data—from technological breakthroughs and scientific discoveries to medical innovations and social trends. Navigating this vast sea of information, distinguishing fact from fiction, and understanding the true value of knowledge have become increasingly challenging. Scientific literacy is the key to making sense of this complexity. In this colloquium, I will share my experiences teaching scientific literacy to non-engineers, exploring its application across a wide range of disciplines. This includes not only the natural sciences but also the biological, social, and political sciences, highlighting the universal importance of critical thinking and informed decision-making in an ever-evolving world.