

# CICLO DE CONFERENCIAS UAM50

**Carl Wieman**

Nobel prize in Physics 2001

Dept of Physics and School of Education, Stanford University

Cincuenta  
Aniversario

1968  
2018

## ***“TEACHING STUDENTS TO THINK LIKE SCIENTISTS”***

Research has provided valuable insights as to the nature of scientific expertise (i.e. the details of what is involved in thinking and making decisions like a scientist), and how these capabilities are developed. These insights provide guidance for improving the teaching and measuring science learning for all levels of university students. I will show how to apply these concepts in a variety of different science courses from introductory to advanced, and some of the research showing the relative effectiveness of different methods of teaching science.

**19 de octubre** a las **11.30h**

**Facultad de Ciencias UAM**

Módulo 00