Abstract:
What does it take to be a successful science teacher? In this presentation, I’ll focus on the idea that the key to success lies in finding ways to get students to put in the study and effort necessary for true learning. Following a brief introduction on teaching philosophy, I’ll provide concrete examples of principles and strategies that should help in your teaching, regardless of the particular science subject, grade level, or number of students you teach. Note: This presentation follows the organization of my book On Teaching Science (www.on teachingscience.com).

Bio: Astrophysicist and educator Jeffrey Bennett’s extensive experience includes teaching at every level from preschool through graduate school, proposing and helping to develop the Voyage Scale Model Solar System on the National Mall in Washington, DC, and serving two years as a Visiting Senior Scientist at NASA Headquarters, where he helped create numerous programs designed to build stronger links between the research and education communities. He is the lead author of bestselling college textbooks in astronomy, astrobiology, mathematics, and statistics; of critically acclaimed titles for the general public including Beyond UFOs (Princeton University Press, 2008/2011), Math for Life (Big Kid Science 2014), What is Relativity? (Columbia University Press, 2014), and On Teaching Science (Big Kid Science, 2014). His five books for children are currently orbiting Earth and being read by astronauts aboard the International Space Station for the new “Story Time From Space” program (storytimefromspace.com). Dr. Bennett was recently honored with the American Institute of Physics Science Communication Award. His personal web site is www.jeffreybennett.com.