

Eddie Goldstein

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Objective

There is a crisis in understanding science by the general public. In this day and age, with so many things depending upon being able to understand what scientists are talking about (climate change, vaccinations, health issues, technology, etc.) it is more important than ever that people can understand what scientists are saying. Whether you agree with what they say or not. This will take new communications skills by scientists and new understanding skills by the public. I would like to use my experience and training as an internationally known science communicator to help bridge this gap.

Experience

Eddie Goldstein, LLC

2015 - Present

- Science Communications Expert (2015 - present)
 - Museum consulting
 - Science performing
 - Staff training and workshops
 - Professional development

Denver Museum of Nature & Science

1992 - 2015

- Head of Gallery Presentations Program (1992 - 1998)
 - Recruited in 1992 to “enliven the galleries” of a very traditional natural history museum
 - Pioneered the science demonstrations program, acknowledged to be one of the best in the country.
 - Introduced paid floor interpreters to the galleries, now a benchmark of our museum.
- Space Science Educator (1998 - 2005)
 - One of four members of the core development team, for Space Odyssey, which won the ASTC Roy Shafer Leading Edge Award for innovation in science museum exhibits and programs.
 - One of the hallmarks of Space Odyssey is the use of people having conversations with people as the basis for communicating science.
 - Developed one of the most theatrically-ready exhibit galleries in the world. In addition to a traditional stage, there are four “virtual stages,” which, at the touch of a button, become lighted, microphoned, and media-enhanced performance areas, then disappear. Even the scientifically accurate Mars diorama becomes a stage when astronaut-costumed educator/performers explore the surface of Mars and interact with our visitors.
 - Led the development team, which created over 30 shows and programs, in a variety of styles, for our staff and volunteers to use to engage our visitors and fire their imaginations.
- Senior Educator / Coordinator for Space Science Gallery Programs (2005-2013)

- Lead educator in the operational phase of Space Odyssey.
- Continued to develop a rich menu of programs including:
 - Galileo and the Leaning Tower of Pizza – street theater style show
 - DMNS Weather Central – multimedia show with on-stage experiments
 - Art Station: Titan – art class where visitors learn about the chemistry of Saturn’s moon, Titan while learning to draw a Titan landscape
 - Gravity - interactive program about Einstein’s General Theory of Relativity, accessible on many different levels, from elementary school kids to physicists.
- Lead educator on NASA funded, and NOAA developed Science on a Sphere installation.
 - A Tale of Three Planets – understanding global climate change by comparing Venus, Earth, and Mars.
 - Host of Sphercasts – a hybrid of a webcast and Science on a Sphere program. Able to “connect” with local and distance audiences at the same time.
- Senior Educator / Coordinator for Offsite Programs (2013 - 2015)
 - These are the programs that go outside of our building. In person and/or virtually to schools and festivals.
 - On the development team for Sculpt-a-saurus, a distance learning program where students in schools use clay to create stegosaurus sculptures while learning the paleontology of the animal.

Smithsonian Institution, Washington, DC

1989 - 1992

- Improving Exhibit Interpretation project at the National Zoo and the National Museum of American History
 - This project focused on communicating science to the public in novel and imaginative ways, meeting the public where they were.
 - We used theatrical and audience engagement techniques, which were groundbreaking at the time, and are now, I’m proud to say, standard faire in museums and institutions of public understanding of science throughout the world.
 - <http://eddiegoldstein.com/wp-content/uploads/2014/10/IEI-Report-Smithsonian-National-Zoo.pdf>

National Learning Center / Capital Children’s Museum, Washington, DC

1984 - 1989

- Senior Staff member, Exhibit and Program Developer
 - In the late 1980s, children’s museums were at the vanguard of understanding how people learn. We broke ground in creating interactive exhibits that allowed children to make meaning of the phenomena we were presenting.

Association of Science-Technology Centers (ASTC) Live Demo Hour

Late 1980s - present

- Host of the Live Demo Hour at the annual ASTC conference for over 25 years.

- I have built a reputation as one of the best science communicators in the business.

Professional Performer

1973 - present

■ Professional Magician

- Dinner theater; corporate entertainer
- Magicians specialize in helping an audience see the world as the magician wants it to be seen. They must understand how audiences think and how they make sense of what they are seeing and hearing. Those same skills have allowed me to be an excellent science communicator because I can present scientific concepts in a way that audiences can make sense of. And, can enjoy.

■ Magical Math and Science Show

- In this ever-evolving show I share my love of math and science with audiences from all over the world.
- Clients include: The Exploratorium; Goddard Space Flight Center (NASA); Buhl Science Center; Science Museum of Connecticut; Red Mountain Museum; New York Hall of Science; Omniplex; Carnegie Science Center; Scitech, Perth, Australia; SciTechKnoFest (NIHERST), Trinidad; SciTechXpo, Barbados; 2nd Science Centre World Congress, Calcutta, India; APEC Youth Science Festival, Singapore; Singapore Science Center; Science North, Sudbury, ON, CA; Telus World of Science, Edmonton, CA; Petrosains, Kuala Lumpur, Malaysia; national and/or regional conferences of the Association of Science-Technology Centers; American Association of Youth Museums; National Science Teachers Association; National Council of Teachers of Mathematics; and numerous state and local teachers' meetings.

Workshop leader

1988 - present

- I am at a point in my career that I want to "give back" to the field that has been so good to me. To that end, over the years I have delivered workshops around the world in such topics as:
 - Tapping into the creativity you already have
 - How to develop programs that get your audiences thinking
 - Creating effective performing spaces
 - Become a master at capturing people's imaginations
 - Museum performing technique
 - Clients include: Arizona Science Center; Phoenix Zoo; Singapore Science Center; Science North, Sudbury, ON, CA; Telus World of Science, Edmonton, CA; Petrosains, Kuala Lumpur;

Education

Columbia University

1968 - 1972

- B.S. Engineering degree in mathematical methods.

- Minors in abstract math and physics.

Skills

- I have a knack for being able to talk to scientists and help them translate their thoughts into language understandable by the general public.
- At the Denver Museum of Nature & Science, we have scientists in Space Science, Paleontology, Zoology, Health Science, Earth Science, and Anthropology. So, I have experience and a comfort level discussing science in a wide variety of fields.
- Extensive experience creating science exhibits and programs and seamlessly integrating the two.
- Excellent at training others to be good science communicators. Workshops and one-on-one training.
- I am totally curious about everything.
- I can communicate my excitement and passion.
- I can communicate difficult scientific concepts in easily understandable and accessible ways, both with programming and with exhibitry.
- I have a knack for watching other people's presentations and performances and giving insightful feedback on how to make them better communicators.
- I'm good with card tricks.
- I want to make a difference in this world.