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Interview: Scientist and Author Scott Bembenek, PhD MAKING SCIENCE FUN AGAIN: SETTING OUT TO REINSPIRE AND REIGNITE AN INTERST IN SCIENCE FOR ALL

From the intricate details of the iPhone to lifesaving breakthrough medical cures, we are all impacted by science daily, if not constantly. Science is all around us. Most people don't stop to think about it. Or, simply feel science is confusing, dull, or inaccessible.

But scientist Dr. Scott Bembenek, who has a PhD in theoretical chemical physics and works as a computational chemist at Johnson & Johnson, says that doesn't have to be the case. He has set out on a mission to make science interesting again, not just to the science-minded, but to people from all walks of life.

"A major stumbling block for the popularity of science is its presentation – often in a very dry, dull manner. Many of you have taken *those* classes, seen *those* videos, heard *those* talks ... and so have I. It is time to change that," Dr. Bembenek says. "Science is fascinating, if delivered in the right way."

Dr. Bembenek exemplifies that message in his new book, *The Cosmic Machine: The Science That Runs Our Universe and the Story Behind It*. With its unique blend of science, history, and biographies, *The Cosmic Machine* provides an easily accessible account of some of the most important aspects of science, in an engaging, entertaining way, without sacrificing any of the facts.

In an entertaining, informative and energetic interview, Dr. Bembenek can discuss:

- Commentary around breaking scientific discoveries and how they will impact us all
- Want to understand science? Focus on these four areas
- Ignore all you learned in high school: Here are the essentials to understanding how the universe works
- The five most interesting scientists of the past 100 years, and why they matter
- The importance of making science more interesting and accessible to students
- The importance of STEM and what needs to be done to keep kids engaged
- How to get girls interested in science (Dr. Bembenek has two daughters of his own!)

Dr. Scott Bembenek received his PhD with honors in theoretical chemical physics from the University of Kansas in Lawrence. Thereafter, he was awarded a National Research Council Fellowship, and joined the Army Research Laboratory in Aberdeen, MD. Currently, he is a principal scientist in the Computer-Aided Drug Discovery group at Johnson & Johnson Pharmaceutical Research & Development in San Diego.

Dr. Bembenek has made substantial contributions to the areas of statistical mechanics, kinetic theory, glass theory, liquid dynamics, and computational drug discovery, with his work appearing in several <u>scientific journals</u>.

Dr. Bembenek is passionate about making the major aspects of physics and chemistry more tractable to non-scientists, and in doing so, to spark an interest – or even more so – an excitement for science in general.

To learn more about Dr. Bembenek and his work, visit http://scottbembenek.com and connect with him on Twitter.

The Cosmic Machine releases in August, 2017 and will be available for order on Amazon, Barnes & Noble, and in select bookstores.

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