- Universes that are complex enough to produce intelligent beings are too complex to be understood by those beings.
- There is an omnipotent God, who made the universe the way it is to support our existence.

Only by assigning virtually zero probabilities (less than 10^{-100}) to all of these does one come to a conclusion that a multiverse explanation is the best one. This alone suggests that multiverse explanations be treated with considerable skepticism.

Ronald Larson ASA Member GG Brown Professor of Chemical Engineering Professor of Macromolecular Science and Engineering, Biomedical Engineering, and Mechanical Engineering Department of Chemical Engineering 2300 Hayward University of Michigan Ann Arbor, MI 48109-2136

Mann Responds to Larson

Ron Larson's fanciful example highlights the need to have a high degree of skepticism about extrapolating scientific knowledge well beyond its known limits. While I share his skepticism concerning the multiverse as an explanation for existence, it is important to listen to the arguments of its proponents, if only because of their prominence and number in the scientific community.

Perhaps some old-fashioned intellectual wrestling with this concept, from both scientific and theological perspectives, might lead us to a deeper understanding of the particularity of our existence!

Robert B. Mann ASA Fellow Professor of Physics & Applied Mathematics University of Waterloo Waterloo ON N2L 3G1

A Heavenly Science?

In the two reviews of Hugh Ross's More than a Theory (PSCF 61, no. 3 [2009]: 201–3), neither reviewer mentions a problem with the old earth creationism argued by Reasons to Believe (RtB). If we consider just the fossils of genus Homo and its antecedents over about 5 1/2 million years noted by Robert B. Mann ("The Puzzle of Existence," ibid., p. 155), there were, among others, changes toward more efficient bipedality, increased manual dexterity, and a much larger brain. The obvious conclusion, if there are several sequentially created species involved, is that the Creator was experimenting, learning from the forms that went extinct. God's works then seem to parallel human experience, much like the shift from the vibrating ignition coil powered by dry cells of some early cars, through the breaker point, at first manually controlled and later by means of centrifugal and vacuum advance, to today's electronic controls. Human beings

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