

## **Impact of Recent Discoveries on Evolutionary Theories**

### **Speaker**

**John Baumgardner, Ph.D.  
Los Alamos National Laboratory, retired**

### **Location**

**Calvary Chapel  
580 North Mesa Road, Los Alamos, NM**

### **Schedule**

#### **Friday, January 19, 2018**

7:00 pm      Language as an Example of Non-Material Reality

Abstract: Language involves the assignment of meaning to a set of symbols to form a vocabulary and a set of rules by which elements from the vocabulary can be joined together to form more complex meaning structures. Since meaning is abstract and non-material, so are the meaning structures that language encodes. This observation has far-reaching implications.

8:00 pm      Ten Ways Science Falsifies the Neo-Darwinian Hypothesis Part 1

Abstract: Neo-Darwinism, formulated more than 70 years ago, cannot be defended as a viable scientific hypothesis in light of the discoveries of made in molecular biology over the intervening period.

#### **Saturday, January 20, 2018**

9:00 am      Ten Ways Science Falsifies the Neo-Darwinian Hypothesis Part 2

10:30 am     Multiple Lines of Evidence that the Earth is Young

Abstract: Multiple independent lines of radioisotope evidence, genetic evidence, and paleontological evidence point to an age for the earth in the range of thousands, instead of billions, of years.

12:00 noon   Lunch

1:00 pm      Importance of the Genesis Flood to a Correct Understanding of the Earth's Past

Abstract: Many lines of evidence, but especially the orderly, laterally extensive, layer-cake character of the continental sediment record that displays so little internal erosional channeling, argues for conditions radically different from those of today during the deposition of that record. The many indicators of high process rates combined with constraints on the earth's age argue that the Phanerozoic rock record is the product of the Flood cataclysm described in Genesis 7 and 8.

2:30 pm      Insights from Numerical Modeling of the Flood Cataclysm

Abstract: Laboratory determinations of the deformational properties of mantle minerals over the past 40 years show that these minerals weaken by many orders of magnitude under relatively modest increases in shear stress. Numerical studies show that this deformational behavior makes the mantle internally vulnerable to runaway overturn, with catastrophic plate tectonics at the earth's surface as a direct consequence. Rapid plate tectonics, in turn, leads to large amplitude tsunamis, which numerical studies show can generate the sort of sediment record we observe today on the continents. The numerical results will be presented and discussed.

Time for Q&A following each of the talks is built into the schedule.

John Baumgardner has a Ph.D. in geophysics and space physics from UCLA and a M.S. in electrical engineering from Princeton. He served for four years as an Air Force officer in the Laser Division of the Air Force Weapons Laboratory at Kirtland Air Force Base in Albuquerque as part of the team that developed the Airborne Laser Laboratory. He later served for 20 years as a technical staff member in the Fluid Dynamics Group of the Theoretical Division at Los Alamos National Laboratory. After his retirement from Los Alamos he collaborated with Cornell geneticist John Sanford to develop Mendel's Accountant, a state-of-the-art population genetics program for modeling the processes of mutation and natural selection. Currently, he is an adjunct professor at Southern California Seminary where he teaches courses on the origin and history of life, earth history, and cosmology.

