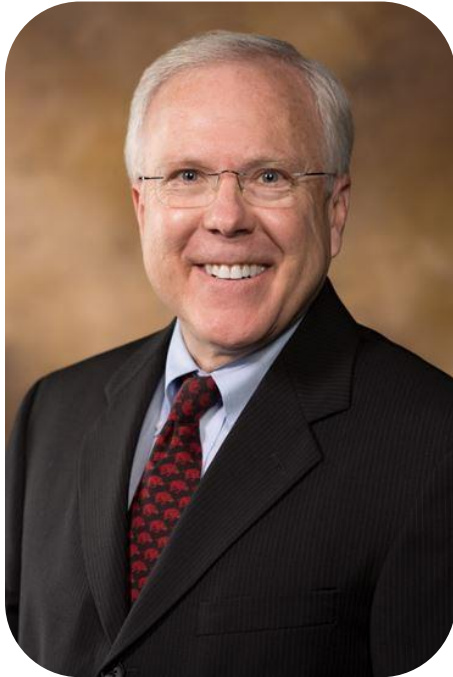


Biological Sciences Seminar Series

Darwin's Mad Dream: What Error and Invention Tell Us about How Science Works



Darwin was one of the most productive, intuitive and brilliant biologists of all time but he was not always correct. This talk will focus on two of Darwin's errors including his "Mad Dream" of pangenesis, an idea he proposed to describe the rules of inheritance and explain variation. The central thesis of this talk is that by exploring even errors made by scientists it is possible to learn much about the development of ideas, the progress of science and even gain a rare glimpse into scientists' thinking and personality.

William F. McComas is a *Distinguished Professor* and inaugural holder of the *Parks Family Professorship in Science Education* at the University of Arkansas. He is editor of the new book *Nature of Science in Science Instruction* and the journal *The American Biology Teacher*. His interests are in the challenges of evolution education and the incorporation of history and philosophy of science in science teaching.

Date: Thursday, October 29th

Time: 3:30 pm

Place: [Zoom](#)

(Meeting ID: 893 6659 8329; Passcode: Bisc-F2020)

