PREFACE

Dialogues of Scientific Literacy is primarily for teachers of science who are teaching science to non science majors at the University and College level. The extent of the coverage and the emphasis of each topic should be determined by the instructor.

The suggested topics to be covered include the Scientific Method, The Big Bang Theory, Biological Evolution, Global Warming and Weather. There are Summary notes and questions-both multiple choice and short answer. A simple literature review accompanies each chapter. It is encouraged that students write essays on a topic of their interest and create a PowerPoint on their topic for the presentation of their work to the entire class.

News Worthy Topics that occur during the semester or before should be included as teaching material. Research material not be limited to the internet but detailed analyses should be encouraged for students who desire such.

On a Bibliographical note I would like to thank the individuals who posted the images in this book on the internet.

1.Bacterial Shapes were downloaded from *https://microbeonline.com/characteristics-shape-of-pathogenic-bacteria/*

2.DNA Structures were downloaded from www.2.nau.ed on 06/18/2018

3.(a) The Sex Chromosomes were downloaded from *https://cahsbiology.weebly.com/inheritance-of-sex.html* on 06/18/2018

3.(b). The Punnett Square was retrieved from Google Images at http://ezoo2.k12.sd.us/

4.The Atomic Orbitals were downloaded from New world encyclopedia and retrieved from new https://www.newworldencyclopedia.org/entry/File:Electron_orbitals.svg on 06/2018.

Other sources of various images have been mentioned below the respective figures within the book.

Earl A. Sealy

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