• Survey of Biochemistry and Biotechnology

This virtual book is a re-mix of a variety of OER chapters; the remix was created by Dr. A. Goodman as an alternative textbook for CHEM313 course. It is "work in progress" - please, let the instructor know if you spot problems and/or have suggestions.

◦ Front Matter
◦ 1: Chemical and Biological Foundations
◦ 2: Structure and Function- Proteins
◦ 3: Catalysis
◦ 4: Structure and Function- Nucleic Acids
◦ 5: Structure and Function- Carbohydrates and Lipids
◦ 6: Energy and Metabolism
◦ 7: Regulation of Metabolism and Homeostasis
◦ 8: Biotechnology and Other Applications of Biochemistry
◦ 9: Basic Techniques
◦ 10: Supplemental Modules (Biochemistry)
◦ Back Matter