

BIOC 652: Macromolecular Structure and Dynamics

Course description: This course is the last of the three modules required for the biophysics training program. Students will explore the topics covered in this course in four (4) blocks taught by our four (4) instructors below. The first block will be taught by Dr. Brian Kuhlman and will cover the rates of molecular processes, the second block will be taught by Dr. Saskia Neher and will cover enzyme kinetics, the third block will be taught by Dr. Konstantin Popov and will cover diffusion/transport and protein/RNA folding, and the last block will be taught by Dr. Kathryn Gunn and will cover single molecular techniques and experiments.

Meeting Dates/Time: This is a one-month long course that will meet mid-October to mid-November MWF at 11:00am. A single take-home exam will be administered at the end which will cover materials from blocks 1-3.

Meeting Location: TBD

Recitation: Recitations will meet twice a week, Tuesdays and Thursdays. Meeting time/location will be determined

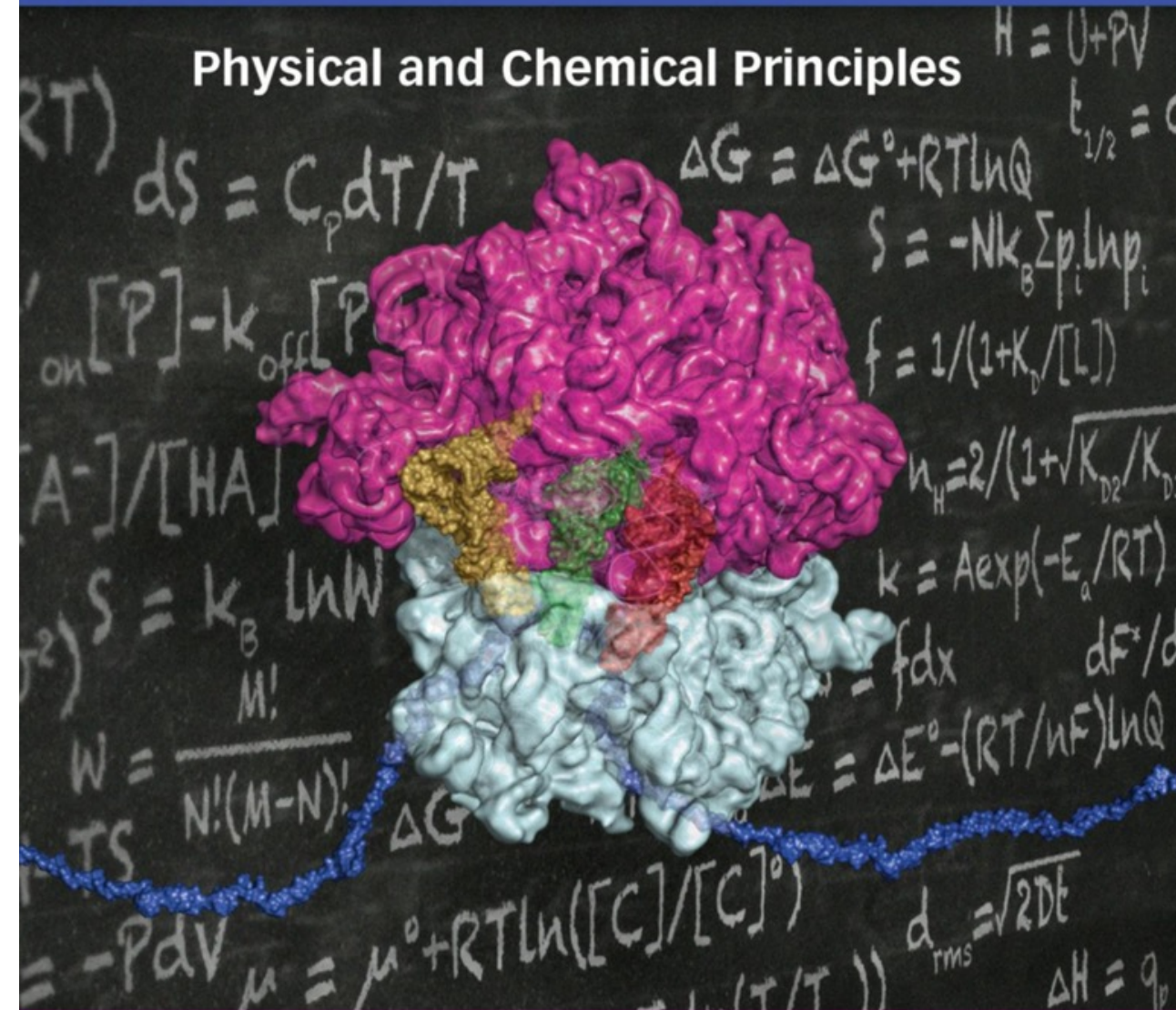
Registration:

To register, contact Holly Shepherd (holly_shepherd@med.unc.edu)

Instructors: Brian Kuhlman (bkuhlman@email.unc.edu, GMB 3096),

The MOLECULES of LIFE

Physical and Chemical Principles



John Kuriyan

Boyana Konforti

David Wemmer