

# Physics 176/276

## Quantitative Molecular Biology

### Lecture V: Chemical kinetics and Gillespie algorithm

Refs for the material discussed at the board

DT Gillespie *Ann Rev Phys Chem* 58:35-55 (2007).

MA Gibson, J. Bruck *J. Phys. Chem.* 105:1876–89 (2000)

[http://physics.ucsd.edu/students/courses/  
winter2014/physics176](http://physics.ucsd.edu/students/courses/winter2014/physics176)

# Logical scheme of the various approaches to chemical kinetics

