

# Guiding Principles and Goals for the Course

## Guiding Principles

- **Hard work and persistence pays off!**
- **"Time is all you have.** – And you may find one day that you have less than you think." *The Last Lecture*, by Randy Pausch
- **Personal Responsibility** – Everyone knows the difference between right and wrong; you are responsible for your actions.
- **Accountability** – You are accountable for your actions; there are rewards for appropriate behavior (both intrinsic- and extrinsic rewards) and meaningful consequences for inappropriate behavior.

## Goals

1. **Begin to see science in everyday life.** It is personally gratifying for me when students share relevant observations from personal experience.
2. **Learn that science isn't frightening—science *can* be understood!** With focused effort, a career in science is within the reach of all students.
3. **Learn to think logically in order to solve problems.** Process is as important as product, that is, how we *do* science is as important as what we *learn about* science.