

Lake Region State College Dakota Precision Ag Center

Summer Faculty Fellowship

Shaun Prince

Summer 2013

Program and Course Development Challenges



- Students with little-to-no background knowledge in chemical and biological sciences when they enter the program.
- Two-year degree limited to 60 credits
- Academic breadth from Information Technology to Biology and Chemistry



Introductory
Chemistry for
Agriculture

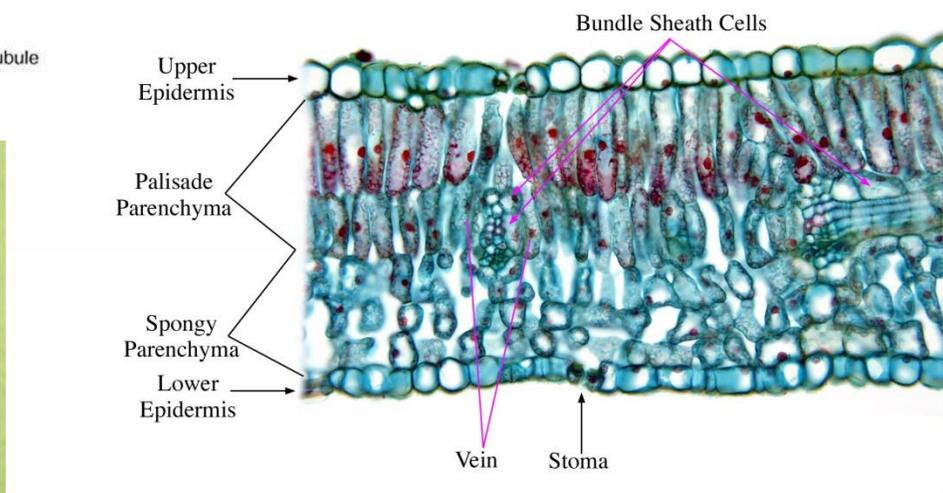
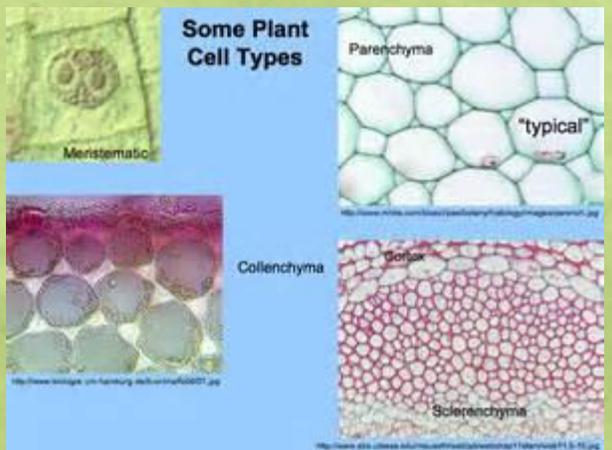
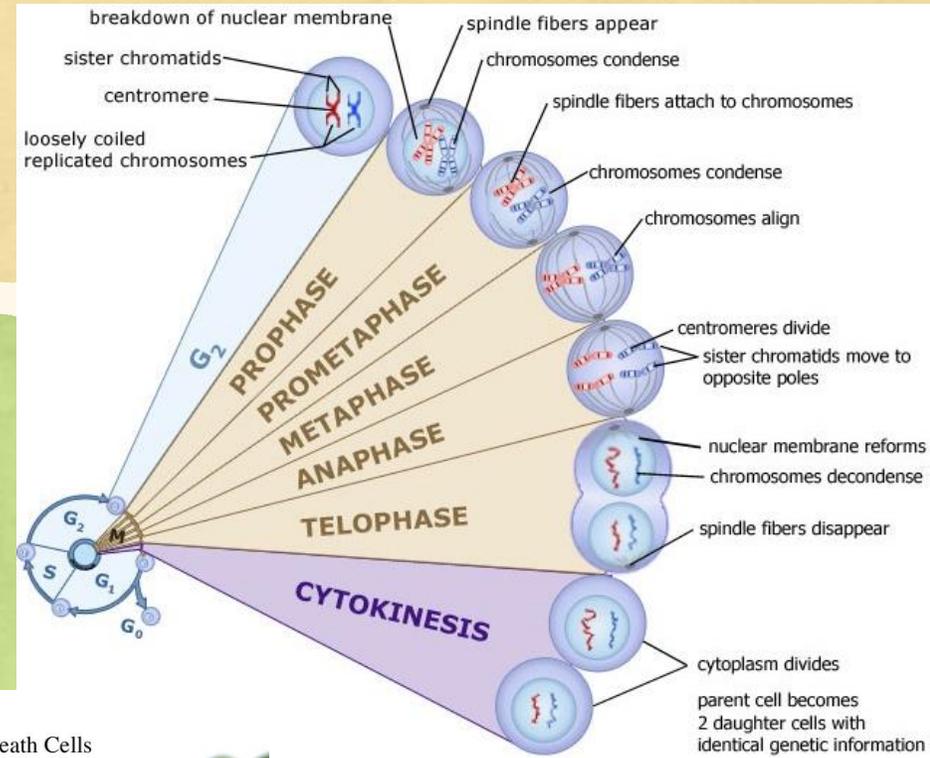
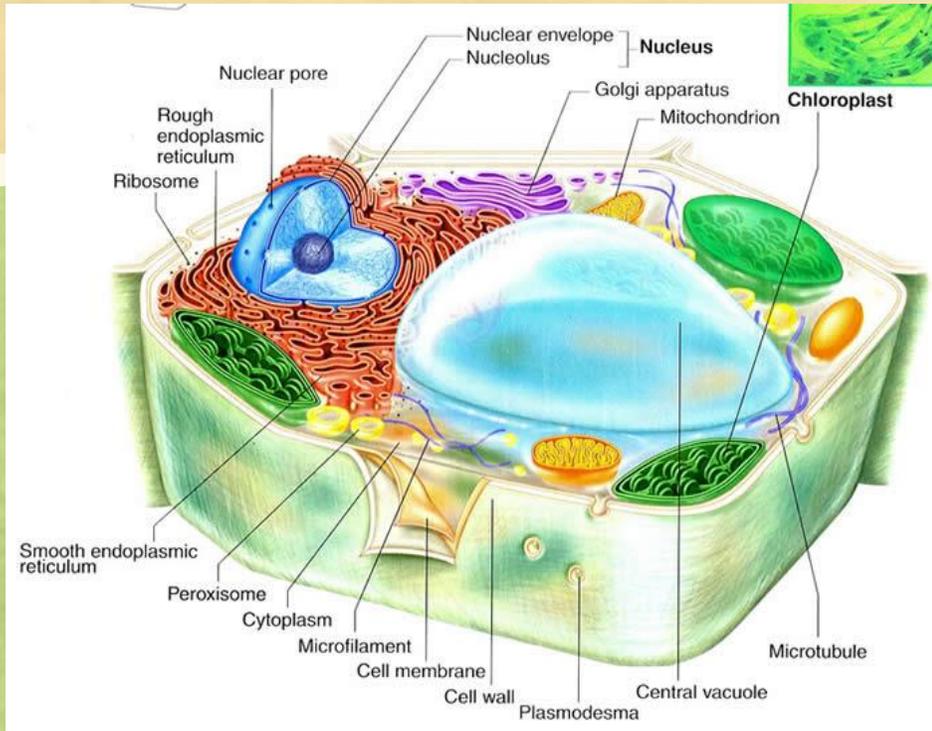
Introduction to
Plant Science

Introductory Chemistry Transitions

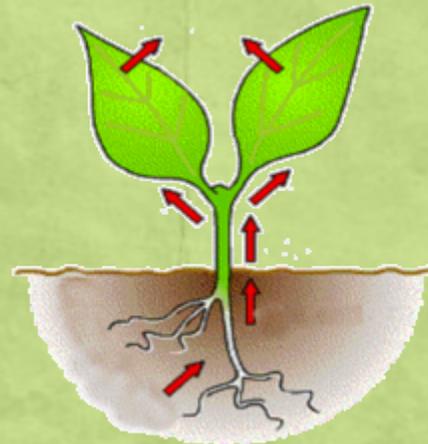
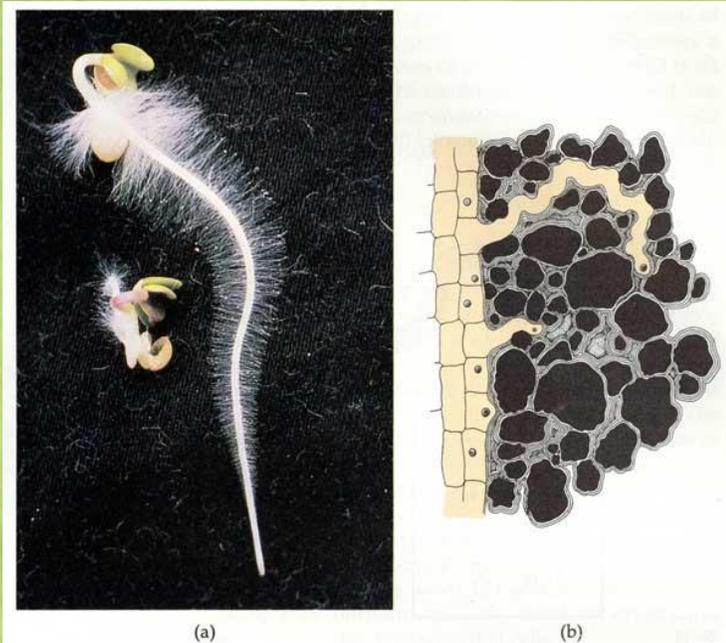
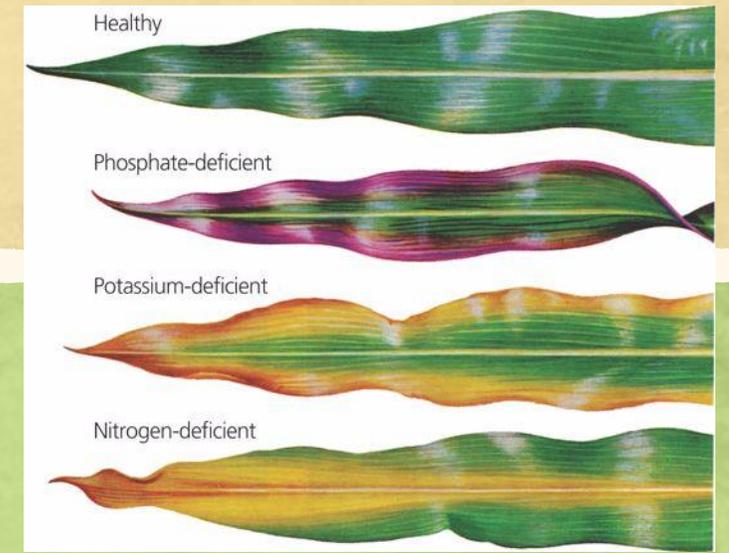
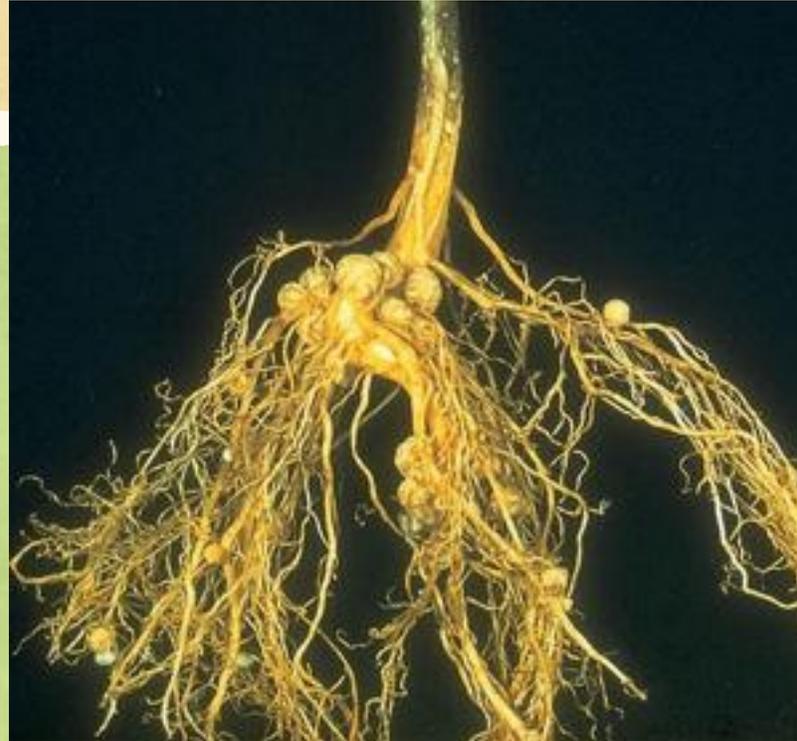
- Chemistry 115 to Chemistry 117
 - Nursing to Agriculture Focus
 - Addition of Six Chapters on Organics
 - Carbon Structures, Sugars, Lipids, Proteins, Steroids, Plant Nutrition
 - Blending Soil and Chemistry 117 Lab Requirements



Introduction to Plant Science



Introduction to Plant Science



What is NEXT???

- Flying UAV
- Determining Photo Resolution Heights
- Using Computer Programs to Stitch Data and Aerial Photos
- Online Modules

