Bio 4331 Algae: Cell Biology and Molecular Evolution

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Class meetings: Tu, Th 2-4, Cupples II, Rm 203
Office hours: after class or call/email to set up another time

Website:  http://www.nslc.wustl.edu/courses/Bio4331/bio4331.html
User name: bio4331
Password: ****

Schedule:

Jan 17 Overview of algae and algal radiations
Jan 19 Primary and secondary endosymbiosis hypotheses
Jan 24 Cyanobacteria
Jan 26 Glaucophytes and red algae
Jan 31 Green algae: Chlorophytes
Feb 2 Green algae: Trebouxiophytes and lichens
Feb 7 Green algae: Ulvophytes and Prasinophytes
Feb 9 Green algae: Charophytes and the origins of land plants
Feb 14 Green (endo)symbionts + Haptophytes, cryptophytes, and nucleomorphs
Feb 16 Alveolates: Dinoflagellates and apicomplexans
Feb 21 Stramenopiles: Chrysophytes (yellow-browns) and Phaeophytes (browns)
Feb 23 Stramenopiles: Diatoms
Feb 28 Algal contributions to atmosphere & biosphere, past and present
Mar 1 Commercial applications: nutraceuticals and biofuels

Spring break: Take-home exam due at end of break