February 11
Karen McDonald
Department of Chemical Engineering and Materials Science
University of California Davis
Putting plant pathogens to profitable use: The CMViva expression system

February 18
Edgar Spalding
Department of Botany
University of Wisconsin Madison
The functions of plant glutamate receptors studied with electrophysiology and machine vision

February 25
Alison Roberts
Department of Biological Sciences
University of Rhode Island
Evolution of the cellulose synthase gene superfamily

March 4
Allison Snow
Department of Evolution, Ecology and Organismal Biology
Ohio State University
How ecologists evaluate gene flow from transgenic crops to their wild relatives

March 9 (Tuesday)
Clint Chapple
Biochemistry Department
Purdue University
Lignification of plant cell walls: a milestone in plant evolution

March 25
Patrick Masson
Laboratory of Genetics
University of Wisconsin Madison
Molecular genetics of root growth behavior in Arabidopsis thaliana

April 8
Missy Holbrook
Department of Organismic and Evolutionary Biology
Harvard University
Microfluidics as models for understanding long-distance transport in plants

April 15
Jonathan Wendel
Department of Ecology, Evolution and Organismal Biology
Iowa State University
Genes, jeans and genomes: Exploring the mysteries of polyploidy in cotton

April 22
Xuemei Chen
Botany and Plant Sciences
University of California Riverside
Biogenesis and function of small RNAs in Arabidopsis

April 29
Todd Mockler
Department of Botany and Plant Pathology
Oregon State University
Analyzing alternative splicing in plants using high-throughput sequencing (HTS)

Seminars are Thursdays at 4:00 PM in 319 Morrill South except where noted.

Join us for refreshments in 319 Morrill South at 3:45 pm - PB website: http://www.bio.umass.edu/plantbio