

Hort 121: Horticulture Colloquium FALL 2015

Tuesdays 3:30 – 4:20 pm, Moore 351

Instructors:

Dr Sara Patterson

spatters@wisc.edu

Office: Room 486 in Plant Sciences 262-1543

Office Hours: Monday 2:30-3:30 PM; Tuesdays 2-3 PM

Teaching schedule:

MW 1:20-2:30; M 4-5:30; T 12:00-1:00; 3:30-4:30; 5:30-7:30; W 12-1:00; Th and F (all day)

Dr. Jim Nienhuis

nienhuis@wisc.edu

Office: Room 390 in Plant Sciences

Office Hours: TBD

Course Description: Overview of world, national, and regional horticulture plants and industries. History and profiles of research, teaching and outreach advancing horticulture presented by department faculty.

Format: Each week will feature a different speaker giving a 35 minute presentation, followed by an opportunity for questions and discussion.

Speaker schedule

Date	Presenter	Topic
9/8	Sara Patterson	Using Arabidopsis as model to study abscission in crop plants
9/15	Ben Futa	Survey of Public Horticulture
9/22	Jiwan Palta	Calcium nutrition and potato quality: Discovery of tuber root
9/29	Jed Colquhoun	Is sustainable agriculture sustainable?
10/6	David Spooner	Taxonomic studies of crop plants - are they useful for plant breeders?
10/13	Johanna Oosterwyk	Growing in Controlled Environments
10/20	Amaya Atucha	Growing wine grapes in Wisconsin
10/27	Laura Jull	Don't get caught with your plants down
11/3	Claudia Calderon	Molecular genetics of crop domestication
11/10	Jiming Jiang	A biotech approach to tackle the potato acrylamide problem
11/17	Jeff Endelman	GMOs in Horticulture
11/24	Juan Zalapa	Hunting for crop genes to help sustain worldwide food production under global climatic change
12/1	Yiqun Weng	Commercial cucumber market classes: a molecular genetic perspective
12/8	Patrick Krysan	Plant Stress Response: Watching Signal Transduction in Real Time with Live Cell Imaging
12/15	Sara Patterson	REVIEW

RESPECT

All are welcome here regardless of your age, race, gender, background, political affiliation, or sexual orientation. This course is based on respect and any disrespect will not be tolerated. We are all learners and teachers in this class. Your ideas will be received with the utmost respect even when in conflict with other's opinions. We want you to feel comfortable in sharing your thoughts, comments, and questions even if they turn out to be misconceptions. If you ever feel you are not being respected by anyone that is a part of this class, please contact me or Jim via phone, email, letter, or in person.

GRADING:

All students are expected to attend class weekly and participate in discussion. In addition, weekly short answer questions based on faculty presentations will be posted at Learn@UW HORT 121 and due before the next class. Final Exam (short take-home questions) will be posted on line December 11th and due on December 19th at 12:25 PM – scheduled exam time.

ASSIGNMENTS AND POINTS

Weekly questions	900 pts
Following each class period, a few short answer questions will be posted to Learn@UW based on the presentation. The assignment will be due before the beginning of the next class period. There will be 13 such assignments. The lowest score will be dropped.	
<u>Final Take Home Exam</u>	<u>100 pts</u>
Total	1000 pts

GRADE SCALE

A	100-94%
AB	93-88%
B	87-84%
BC	83-78%
C	77-70%
D	69-60%
F	59-0%

**Late assignments will be penalized by 10% for each day it is late. Assignments turned in more than five days late will not be accepted.*

**Any student who has a disability and is in need of classroom accommodations should contact the McBurney Disability Resource Center (phone-263-2741, tty-263-6393) and the instructor at the beginning of the semester.*

Absences due to illness will be addressed on an individual basis, but **all students who anticipate problems must e-mail or call before class. In this case we will be willing to extend deadlines for assignments but you will still be responsible for all work. If there are extended absences we may discuss the option of an incomplete grade in the course.*