HOS 6932 Journal Colloquium – Professional Development for Plant Breeders
Graduate Level – 1 credit hours
Fall 2023

Instructors:	Dr. Patricio R. Munoz Blueberry building 352-273-4837 p.munoz@ufl.edu Office Hours by appointment
Teaching Assistant:	Juliana Cromie Blueberry building jcromie@ufl.edu
Location and time:	Wednesday period 4 (10:40-11:30), Blueberry classroom
Prerequisite	None
Registration	Request registration with Eliana Kampf at elianak@ufl.edu

Course Description
This course will be focus on the question: What does it mean to be a plant breeder? To answer this question, we will cover all aspects of what a plant breeder does in academia, industry, government (USDA), and non-profit organizations. We will also cover the potential career path that a plant breeder can take after grad school as well as practical aspects of the "plant breeding job" such as obtaining germplasm, management of personnel, and obtaining and managing budgets.

Intended Audience
The course is designed for graduate students working in plant breeding either early in their graduate education or ready to graduate and that have started looking for a job.

Course Objectives
In our intent to prepare career-ready students our objective is to expose students in plant breeding to all the different paths that their career could take, as well as provide them the knowledge they might need in these different career paths.
This exposure will ensure students prepare themselves to perform their best in their future jobs. Students should be able to recognize the different paths and thus make an informed decision about their career and research project that maximize their chances to obtain a job in their path of choice.

Evaluation
Students will be leading a discussion (50 points) and moderating discussion with invited speakers (50 points)

Letter Grade
A >90   B+ 85 to 89   B 80 to 84   C+ 75 to 79   C 70 to 74   D+ 65 to 69   D 60 to 64   E < 60

UF grading policies: https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx

Required and Recommended Literature
This course does not have a required literature

Recommended Literature:

Coe et al 2020. Plant breeding capacity in U.S. public institutions. Crop Science
   60(5). https://doi.org/10.1002/csc2.20227. https://acsess.onlinelibrary.wiley.com/doi/full/10.1002/csc2.20227

Course Schedule and Topics (Tentative).

Topic	Description
Wk 1 08/23/23	Introductions – Career paths in plant breeding
Wk 2 08/30/23	Soft skills – Communication, expectations, time management, conflict handling
Wk 3 09/06/23	Invited Speaker – Breeding in the USDA – **Dr. Anna Block**, Molecular Biologist USDA
Wk 4 09/13/23	Starting a Plant Breeding Program – What do you need to get started?
Wk 5 09/20/23	Invited Speaker – Starting a Plant Breeding Program - Sourcing germplasm – **Dr. Shyamalrau Tallury** USDA Research Geneticist, Peanut/Vigna Germplasm curator
Wk 6 09/27/23	Starting a Plant Breeding Program – Cost and budget – where to obtain funds to perform plant breeding, how to invest and manage them for the benefit of your breeding program
Wk 7 10/04/23	Invited speaker – Breeding fruit in public breeding programs
Wk 8 10/11/23	Invited speaker – Breeding fruit for the industry
Wk 9 10/18/23	Invited speaker – Breeding row crops in public breeding programs
Wk 10 10/25/23	Invited speaker – Breeding row crops in private breeding programs
Wk 11 11/01/23	Invited speaker – Breeding ornamental plants in private breeding programs
Wk 12 11/08/23	Invited speaker – Breeding vegetable crops in public breeding programs
Wk 13 11/15/23	Invited speaker – Breeding with emerging technologies
Wk 14 11/22/23	No class – Thanksgiving Holiday
Wk 15 11/29/23	Invited speakers Discussion Panel on job searching and interviewing
Wk 16 12/06/23	Invited Speaker – releasing a cultivar and intellectual property – **John Beuttenmuller, Director at Florida Foundation Seeds Producers (FFSP)**

Attendance and Make-Up Work
"Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at:
https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx"

Online Course Evaluation Process
Student assessment of instruction is an important part of efforts to improve teaching and learning. At the end of the semester, students are expected to provide feedback on the quality of instruction in this course using a standard set of university and college criteria. Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner can be found at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at: https://gatorevals.aa.ufl.edu/public-results/.

Academic Honesty
As a student at the University of Florida, you have committed yourself to uphold the Honor Code, which includes the following pledge: "*We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.*" You are expected to exhibit behavior consistent with this commitment to the UF academic community, and on all work submitted for credit at the University of Florida, the following pledge is either required or implied: *"On my honor, I have neither given nor received unauthorized aid in doing this assignment.*"

It is assumed that you will complete all work independently in each course unless the instructor provides explicit permission for you to collaborate on course tasks (e.g. assignments, papers, quizzes, exams). Furthermore, as part of your obligation to uphold the Honor Code, you should report any condition that facilitates academic misconduct to appropriate personnel. It is your individual responsibility to know and comply with all university policies and procedures regarding academic integrity and the Student Honor Code. Violations of the Honor Code at the University of Florida will not be tolerated. Violations will be reported to the Dean of Students Office for consideration of disciplinary action. For more information regarding the Student Honor Code, please see: http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code.

Software Use:
All faculty, staff, and students of the University are required and expected to obey the laws and legal agreements governing software use. Failure to do so can lead to monetary damages and/or criminal penalties for the individual violator. Because such violations are also against University policies and rules, disciplinary action will be taken as appropriate.

Services for Students with Disabilities
The Disability Resource Center coordinates the needed accommodations of students with disabilities. This includes registering disabilities, recommending academic accommodations within the classroom, accessing special adaptive computer equipment, providing interpretation services and mediating faculty-student disability related issues. Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

0001 Reid Hall, 352-392-8565, https://disability.ufl.edu/

Campus Helping Resources
Students experiencing crises or personal problems that interfere with their general well-being are encouraged to utilize the university's counseling resources. The Counseling & Wellness Center provides confidential counseling services at no cost for currently enrolled students. Resources are available on campus for students having personal problems or lacking clear career or academic goals, which interfere with their academic performance.

- *University Counseling & Wellness Center*, 3190 Radio Road, 352-392-1575, www.counseling.ufl.edu
- *U Matter We Care*, www.umatter.ufl.edu/
- *Career Connections Center*, First Floor JWRU, 392-1601, https://career.ufl.edu/.
- *Student Success Initiative*, http://studentsuccess.ufl.edu.

    Student Complaints:
- Residential Course: https://sccr.dso.ufl.edu/policies/student-honor-code-student-conduct-code/.
- Online Course: http://www.distance.ufl.edu/student-complaint-process