

BSC 4930 - Research Scholarship Seminar – Summer 2025

Course Description

A variable topics course designed for undergraduate and graduate students participating in federally sponsored research scholarship programs in the biomedical and life sciences.

Objectives include the development of scientific communication skills, research ethics and responsible conduct of research, scientific rigor and reproducibility, and the ability to critically evaluate scientific research. 1 credit. Repeatable for credit.

Prerequisites

Scholar, trainee, or fellow in the MARC GatorSTAR Program, SF2UF Program, or other federally funded research training program.

Co-requisites: None

Instructors

- Talline Martins, PhD, Director of Graduate Professional Development, Graduate School
- David Julian, PhD, Associate Professor, Dept. of Biology
- Yenisel Cruz-Almeida, PhD, MSPH, Assistant Professor and Associate Director, Pain Research & Intervention Center of Excellence
- Ana Longo, PhD, Associate Professor, Dept. of Biology
-

Meeting Time and Location

Class meets Wednesdays 9:30 am – 10:45 am in Carr Hall Room 222

Office Hours

By appointment

Course Textbook

There is no required textbook for this course. Weekly reading materials will be accessible online.

Materials and Supplies Fees

There are no additional fees for this course.

Schedule (subject to change)

Date	Topic	Lead
May 14	How to read a scientific paper	David Julian
May 21	Literature search	Suzanne Stapleton
May 28	Intuitive Statistics 1	David Julian
June 4	Intuitive Statistics 2	David Julian
June 11	Intuitive Statistics 3	David Julian
June 18	Research group presentations	Talline Martins
June 25	Summer break (no class)	
July 2	Research group hypotheses 1	Talline Martins
July 9	Research group hypotheses 2	Talline Martins
July 16	Intuitive Statistics 4	David Julian
July 23	Intuitive Statistics 5	David Julian
July 30	Intuitive Statistics 6	David Julian
Aug 6	Summer Wrap Up	Talline Martins

Assignments

This class covers a variety of topics about professional development over weekly meetings, and students will be evaluated by participation in discussions, submission of materials and assignments, and presentations. Because this course can change as new topics and needs emerge, and students may be in different career/academic stages, assignments may also change.

Assignments	Points
Class participation	50
In-class problems	20
Research group presentation	10
Research group hypothesis	10
Mentoring contract	10
Total	100

Grading

Point Range (%)	Letter Grade	Point Range (%)	Letter Grade
93.33 or higher	A	73.33-76.65	C
90-93.32	A-	70-73.32	C-
86.66-89.99	B+	66.66-69.99	D+
83.33-86.65	B	63.33-66.65	D
80-83.32	B-	60-63.32	D-
76.66-79.99	C+	< 60	E

Information on grades and grading policies is here:

<https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

Class Policies

Extra Credit: There will be no opportunities for extra credit.

Time Commitment: The UF College of Liberal Arts and Sciences assumes that you will devote a total of 45 hours per credit to each course.

Class Attendance, Make-Up, and Late 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 in the online catalog at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>
- Class attendance is expected and students are expected to arrive on time. Excused absences are consistent with [university policies](#) and require appropriate documentation. Each *unexcused* absence will result in a 10% reduction of the total possible points in the final grade. If you must miss class, or miss an assignment or exam due to an allowable, scheduled absence (for example, to participate in a sanctioned university function), you must notify the instructor during the first week of classes or immediately after the event is scheduled. If you miss a class or an assignment due to an allowable

but *unscheduled* and *unpredictable* absence (e.g., illness), you must contact the instructor as soon as possible.

- Late work will not be accepted unless it is the direct result of an allowable but unscheduled and unpredictable absence, as defined above, at the discretion of the instructor.
- Makeup assignments will be provided for students who miss an assignment or exam as the direct result of an allowable but unscheduled and unpredictable absence, as defined above. The composition and structure of the makeup assignment or exam will be at the discretion of the instructor.
- If you are experiencing COVID-19 symptoms ([click here for guidance from the CDC on symptoms of coronavirus](#)), please use the UF Health screening system and follow the instructions on whether you are able to attend class. [Click here for UF Health guidance on what to do if you have been exposed to or are experiencing Covid-19 symptoms](#). Course materials will be provided to you with an excused absence, and you will be given a reasonable amount of time to make up work. Refer to the above link for more information on the university's attendance policy.

Using Electronic Devices in Class

- As a courtesy to your classmates, you are prohibited from making video or audio recordings of class discussions or presentations by fellow students.
- You must be fully engaged in the classroom, and not participate in other activities during the class, such as talking to roommates, running errands, or checking social media or other websites.

Students Requiring Accommodations

- Students with disabilities requesting accommodation should first register with the Disability Resource Center (352-392-8565, dso.ufl.edu/drc/) by providing appropriate documentation. Once registered, students will receive an accommodation letter, which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

Course Evaluation

- Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open.

Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>.

Class Demeanor

- Students are expected to behave in class in a manner that is respectful to the instructor and to fellow students. Opinions held by other students should be respected in discussions. Students whose behavior in a manner that is disrespectful or otherwise

disruptive will be asked to leave the class. Multiple occurrences will result in the assignment of failing grade.

Privacy Statement

- Our class sessions may be audio-visually recorded for students in the class to refer back to and for enrolled students who are unable to attend live. Students who participate with their camera engaged or utilize a profile image are agreeing to have their video or image recorded. If you are unwilling to consent to have your profile or video image recorded or to have your voice recorded, notify the instructor in advance. The "chat" feature in Zoom allows students to type questions and comments live. The chat will not be recorded or shared. As in all courses, unauthorized recording and unauthorized sharing of recorded materials is prohibited.

University Honesty Policy

- UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students 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.” The Honor Code (<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>), specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class.

Health and Wellness Resources

- *U Matter, We Care*: If you or someone you know is in distress, please contact umatter@ufl.edu, 352-392-1575, or visit [U Matter, We Care website](#) to refer or report a concern and a team member will reach out to the student in distress.
- *Counseling and Wellness Center*: [Visit the Counseling and Wellness Center website](#) or call 352-392-1575 for information on crisis services as well as non-crisis services.
- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or [visit the Student Health Care Center website](#).
- *University Police Department*: [Visit UF Police Department website](#) or call 352-392-1111 (or 9-1-1 for emergencies).
- *UF Health Shands Emergency Room / Trauma Center*: For immediate medical care call 352-733-0111 or go to the emergency room at 1515 SW Archer Road, Gainesville, FL 32608; [Visit the UF Health Emergency Room and Trauma Center website](#).

Academic Resources

- *E-learning technical support*: Contact the [UF Computing Help Desk](#) at 352-392-4357 or via e-mail at helpdesk@ufl.edu.

- [*Career Connections Center*](#): Reitz Union Suite 1300, 352-392- 1601. Career assistance and counseling services.
- [*Library Support*](#): Various ways to receive assistance with respect to using the libraries or finding resources.
- [*Teaching Center*](#): Broward Hall, 352-392-2010 or to make an appointment 352- 392-6420. General study skills and tutoring.
- [*Writing Studio*](#): 2215 Turlington Hall, 352-846-1138. Help brainstorming, formatting, and writing papers.
- *Student Complaints On-Campus*: [Visit the Student Honor Code and Student Conduct Code webpage for more information.](#)
- *On-Line Students Complaints*: [View the Distance Learning Student Complaint Process.](#)