FOS 6915 – RESEARCH PLANNING
Fall Term 2021
Tuesday-Thursday – 9:35-10:25 AM
Room 1108 McCarty B

Instructor: Douglas L. Archer
Department: Food Science and Human Nutrition
Office: Room 102 Aquatic Foods Product Laboratory
Co-Instructors: Goodrich-Schneider; Pardo; Telg; Gonzaga; Royster; Collins; Schneider; Henken; Christiano; Capua

D.L. Archer
Tel: 352-294-3900
Email: dlarcher@ufl.edu
Office hours: Tues/Thurs 10:30-Noon

COURSE DESCRIPTION
The overall goals are to provide a comprehensive overview of the research process with a focus on graduate education and to clearly outline faculty expectations for FSHN graduate students' performance. This is a required course for all graduate students entering MS or PhD programs of the FSHN department. The format of the course includes team-teaching to utilize the broad expertise of multiple faculty from across the UF campus, facilitated discussions, group exercises and structured lectures. Dr. Archer will provide the point of coordination with respect to course mechanics such as assessments and overall organization.

LEARNING OUTCOMES
1. Thoroughly familiarize each student with rules of the graduate school and FSHN department.
2. Build oral presentation and written communication skills for competency at the graduate level.
3. Improve skills for conducting literature searches
4. Build familiarity with research resources at UF.
5. Establish graduate program survival skills.
6. Develop full understanding of ethics in research and graduate life.

GRADING AND EVALUATION
This is a two-credit graduate course with grades assigned based on class participation and attendance (35%), written proposal (30%), 3-Minute Proposal video (35%) **Performance indicators include the following**
- ☐ Course attendance (mandatory)
- ☐ Class participation
- ☐ Written Research Proposal
- ☐ Quality of 3-Minute Proposal video (scored by instructor, department chair, graduate coordinators)

Grading scale:
A=90-100
B+87-89
B=80-86
C+=77-79
C=70-76
D+=67-69
D=60-66

IMPORTANT DATES: (subject to minor change)

August
> 24 – Introduction to Course – Archer
> 26 – Rules and Expectations of Graduate Study – Goodrich
> 31 - Rules and Expectations of Graduate Study – Goodrich

September
> 2 - Rules and Expectations of Graduate Study – Goodrich
> 7 – Writing at the Graduate level/the Research Proposal assignment – Archer
> 9 – Time Management – R. Brown
> 14 – Library Resources – M. Royster
> 16 – Library Resources – M. Royster
> 21 – Safety - Erica Gonzaga
> 23 – 3-Minute Proposal assignment – Archer
> 28 – Multimedia Presentations – Telg
> 30 – Electronic Thesis and Dissertation – Pardo

October
> 5 – Critical Reading – Collins
> 7 – ICBR and Core Labs - TBA
> 12 – Ethics – Archer
> 14 – Ethics – Archer
> 19 – Crowdsourcing – Vroom
> 21 – Statistics – Schneider
> 26 – Communicating Science – Christiano
> 28 – Citizen Science – Archer

November
> 2 – ICBR and Core Labs – TBA IRB/IACUC – Henken
>
> 4 – One Health – Capua
> 9 – 3-MP – **WRITTEN PROPOSALS DUE ON THIS DATE**
> 16 – 3-MP
> 18 – 3-MP
> 23 – 3-MP
> 30 – 3-MP

Attendance and Make Up Work

Attendance is mandatory. In case of illness or family matter, inform instructor when possible. Points from your participation grade will be deducted for each class missed without an excused absence or prior approval of the instructors.

Texts and References
All materials used will be supplied.
Suggested reading:
National Academies of Science. 2009. On Being a Scientist: A Guide to Responsible Conduct in Research (3rd Edition). National Academies Press. ISBN-13 978-0309119702
- This text is also available as a free .pdf for your own use at: http://www.nap.edu/catalog.php?record_id=12192

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 is available 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**

  Counseling Services Groups and Workshops Outreach and Consultation Self-Help Library Wellness Coaching

- U Matter We Care, **www.umatter.ufl.edu/**
- *Career Connections Center,* First Floor JWRU, 392-1601, https://career.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.