

**FOS 6915, Section 2663  
Research Planning  
2 Credits, Fall 2020  
Period 3 – On-Line/Zoom**

**Current Syllabus**

**Departmental Course Instructors**

1) Douglas Archer, Ph.D.

Food Science and Human Nutrition Department

103 Aquatic Food Products Lab

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Office Hours: Tuesday, 2:00 PM; Thursday, 4:00 PM; or by appointment

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**Course Hours/Location**

Time/Location:

- Tuesdays and Thursdays, period 3 (9:35-10:25am), via Zoom:TBA – 2 classes in Library Computer Lab

### **Overall Course Objectives and 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 generally 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, 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.

### **Communications**

We will answer individual student emails promptly during stated office hours, and generally within 24 hrs during the work week. Please denote FOS 6915 in the "Subject" line in your emails, direct them to the email addresses noted above, and utilize your official ufl.edu email account for course correspondence. It's a good idea to keep your email inbox as empty as possible so that messages from instructors are not rejected. If electronic submission of work is requested, please use [dlarcher@ufl.edu](mailto:dlarcher@ufl.edu) and name your files with the course number, your last name, and assignment title. **Materials and assignments will also be posted on Canvas.**

### **Class Rules**

Attendance and attention to the full lecture AND full participation is expected and on-line attendance will be taken; review of the archive material will be insufficient to master the concepts of presented and subsequent discussion. Unexcused (as defined by UF) absences/lateness will result in significant (adverse) impacts to the class participation score.

Other rules for the class are simple and essentially involve common sense and courtesy towards your colleagues and the instructor. **MOST IMPORTANT: PARTICIPATE!**

### **Texts and References**

All materials used will be supplied..

**Required Text: NONE**

### **Suggested reading:**

National Academies of Science. 2009. On Being a Scientist: A Guide to Responsible Conduct in Research (3<sup>rd</sup> 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](http://www.nap.edu/catalog.php?record_id=12192)

**Additional Resources:**

- 1) The current year FSHN Department Graduate Student Handbook (please see Marianne in Front Office for copies)
- 2) UF Graduate School Website: <http://www.graduateschool.ufl.edu/>
- 3) FSHN Graduate Program and Departmental Information:  
<http://fshn.ifas.ufl.edu/index.shtml>
- 4) Interdisciplinary Doctoral Program in Nutritional Sciences:  
<http://nutritionalsciences.centers.ufl.edu/doctorsalGraduateProgram.aspx>
- 5) Schimel, J. 2012. Writing Science. Oxford University Press, New York. 221 pp.
- 6) Snieder, R. and Lerner, K. 2009. The Art of Being a Scientist. Cambridge University Press, New York. 286 pp.

**Grading**

The grade you earn in this course is heavily dependent on the effort put forth in developing a sound research proposal as described by the instructor, converting that proposal into a 3-minute thesis, presenting your 3-minute thesis (via video) and submitting assignment work for which you’ve provided thoughtful and organized discussion. **Class participation** and mastery of key concepts are also important. As appropriate to a graduate level course, you will be expected to demonstrate development of oral and written communication competence. There will be several “pop quizzes” to assess critical thinking and writing.

**Assessments**

Title	Assigned	Due	Points Available
1. Abstract	9/10	TBD	10
2. Proposal/3-MY	9/10	11/13	50

3. Quizzes	Random	20
4.	Participation	20
<b>TOTAL POINTS</b>		<b>100</b>

**Course Average Grade Equivalents:**

90 - 100 A  
88 - 89 B+  
80 - 87 B  
78 - 79 C+  
70 - 77 C  
68 - 69 D+  
60 - 67 D  
< 60 E

This course will not be graded on a curve. Although we are not using minus grades, please consult the updated University website for additional grading information and discussion of GPA calculations: <http://www.isis.ufl.edu/minusgrades.html>

To ensure fairness, drafts (structured outline) of all **student 3-minute thesis\*** videos will be due on 11/22/16. Actual presentation dates will be determined by the instructor once the class rolls are finalized, and grades will be tabulated after the presentations. The **participation\*\* grade** will be a measurement based on attendance, discussion and contribution during class, evidence of preparation for class and classroom conduct. The participation grade will be assigned by the instructor team at the end of the course.

**General Course Policy on Writing**

All writing for this course should be clear and concise (including emails to instructors and particularly assignments). While this is of course a science-based class, employers and graduate/professional programs seek graduates who can communicate effectively through standard scientific and business writing. Please familiarize yourself with a major journal in your discipline and follow its citation style throughout the course.

**Proposed Course Outline (may be subject to change)**

<b>DATE</b>	<b>SPEAKER</b>	<b>SUBJECT</b>
<b>September</b>		
1	Archer	Intro
3	Goodrich	grad school
8	Goodrich	grad school
10	Goodrich	grad school

15	Rosalind Brown	*	Time management
17	Pardo		ETD
22	Archer		Proposal writing
24	Telg		Multimedia
29	Erica Gonzaga		Lab Safety
<b>October</b>			
1			
6	Royster		Library
8	Royster		Library
13	Henken		IRB/IACUC
15	Christiano?		Communicating science
20			
22	Collins		Critical reading
27	Schneider		Statistics
29	Archer		Ethics
<b>November</b>			
3	Archer		Ethics
5	Archer		Citizen Science
10	Vroom		Crowdsourcing
12	Capua		One Health
17, 19, 24 - TBA			

### **Information for All Students**

#### **Academic Honesty:**

In the process of enrolling and registering for classes at the University of Florida, every student has signed and presumably understands the following statement: "I understand that the University of Florida expects its students to be honest in all their academic work. I agree to adhere to this commitment to academic honesty and understand that failure to comply with this commitment may result in disciplinary action up to and including expulsion from the University."

The following information is implicit in all exams and assignments:

*On my honor, I have neither given nor received unauthorized aid on this exam/assignment.*

#### **Use of Library, Reference Material, Computer Programs, and Electronic Databases:**

These items are university property and should be utilized with other users in mind. Never remove, mark, modify nor deface resources that do not belong to you.

#### **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.

*We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honesty and integrity.*

**Disability Issues:**

Students requesting disability accommodation should register with the Dean of Students Office, who will then provide necessary documentation to the student. Please provide this documentation to the Instructor when requesting accommodation.

**UF Counseling Services:**

We hope to establish an effective and professional class relationship and encourage dialog so that students feel comfortable discussing academic problems directly with me. In addition, resources are available on-campus for students having personal problems or lacking clear career and academic goals that interfere with their academic performance. These resources include:

1. Student Affairs Consultation: Dean of Students Office, 352-392-1261, 352-392-1111 (after hours)
2. Mental Health Consultation or Referral: Counseling and Wellness Center, 352-392-1575, 352-392-1575 (after hours)
3. Office of Victim Services, 352-392-5648 (after hours call UF Police Department at 352-392-1111 and request on call staff person)
4. UF Career Resource Center: Reitz Union, 352-392-1601, career development assistance and counseling, <http://www.crc.ufl.edu/>
5. UF Police Department (UFPD): 352-392-1111; call 911 for emergencies where safety is of immediate concern