

## **FOS 6938 - GRADUATE FOOD SCIENCE SEMINAR**

Spring Semester 2022

Tuesday 3:30-4:30 PM- Room G001 McCarty

Currently we're planning to be live, but we'll hold Zoom in reserve

(See you in person this semester)

**Instructor:** Drs. Keith R. Schneider and Douglas L. Archer

**Department:** Food Science and Human Nutrition

**Office:** Aquatic Foods Product Laboratory

**Keith R. Schneider**

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**Office hours:** Tues/Thurs 9:00-11:00

**Douglas L. Archer**

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**Office hours:** Tues/Thurs 8:00-11:00

### **COURSE DESCRIPTION**

This course provides a forum for graduate students to present their original research or a general topic that is relevant to Food Science. They will become more informed on various aspects of the technology in food science. This seminar series will include both student presentations, as well as invited speakers selected from outstanding professionals in the areas of Food Microbiology, Food Chemistry, and Food Processing. The purpose of the course is to increase awareness of current issues, research, and careers in food science. Student presentations will build oral and written communication skills and inform the department on topics of interest and on the individual graduate research accomplishments. M.S. students are required to present one seminar on their M.S. thesis research. After the first year, Ph.D. students are required to present one seminar annually on any relevant topic in Food Science and an exit seminar on their Ph.D. dissertation research.

### **LEARNING OUTCOMES**

1. Integrate various aspects of Food Microbiology, Food Chemistry, and Food Processing
2. Increase student awareness of important and topical issues in Food Science
3. Build oral presentation and written communication skills
4. Improve skills for conducting literature searches
5. Enhance preparation for careers in food science

## GRADING AND EVALUATION

This is a one-credit graduate course with grades assigned based on class participation and attendance (10%), abstract (10%), and faculty evaluations (worth two thirds) and student evaluations (worth one third) of student presentations (80%). Students must submit their seminar topic during the second week of class. Students enrolled for a PhD General presentation must have an approved topic. **Performance indicators include the following**

- Course attendance (mandatory)
- Class participation
- Ability to perform literature searches
- Written abstract
- Improved oral presentation skill
- Faculty and student evaluations

### 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:

Date	Speaker (Advisor)	Title
Jan 11	Archer and Schneider	First Class Meeting
Jan 18	Schneider	Do's and Don'ts of a Presentation
Jan 25	Titles are due	
Feb 1	TBA	
Feb 8	TBA	
Feb 15	TBA	
Feb 22	TBA	
March 1	TBA	
March 8	<b>Spring Break</b>	<b>No Class</b>
March 15	TBA	
March 22	TBA	
March 29	TBA	
April 5	TBA	
April 12	TBA	
April 19	Archer and Schneider	Class Wrap-up

One week before your scheduled presentation, abstracts are due and must be submitted directly to Drs. Schneider and Archer. Slides are due for review 24 hours before the

presentation by Drs. Schneider and Archer. If possible, research presentations should be given before your thesis/dissertation defense.

### **SEMINAR FORMAT:**

**Attendance is mandatory for all graduate students** unless you have been granted permission in ADVANCE. Missing more than 1 seminar in a semester will result in a one letter grade reduction. Students who are unable to attend the seminar because of a conflict with another class or teaching assignment must notify Drs. Schneider and Archer with the dates of your absence. Seminars can be viewed remotely via Zoom for students at Lake Alfred.

**All presentations** should include the following:

1. An original abstract- do not copy the abstract from paper!
2. General introduction of the topic
3. The rationale for the research topic selected
4. Brief description of methods
5. Critical evaluation of results
6. Conclusion on the significance of these papers or original research.

**Abstract style** should be similar to the type of abstract that would be submitted to a national meeting of a food science society such as IFT <http://www.ift.org>, ASM <http://www.asm.org>, or IAFP <http://www.foodprotection.org/annualmeeting/>. Content should include an introduction to your topic, a brief description of your papers or research methods and results. Please include references you plan to use in your presentation.

**Ph.D. General Presentation.** After their first year, Ph.D. students are required to present annually a **35-minute** presentation with 5 minutes discussion on a food science topic of their choice. This topic should not be directly related to their research topic, rather an exploration of interest to them and their fellow students. The format will be 'lecture-style' and as a review of a particular topic. The presentation should include several excellent research papers that have significantly contributed to the area of Food Science. Other related or review papers should also be discussed and to provide background for this paper. References should be provided during (not at the end) the presentation as the cited material is discussed. All topics must be approved for presentation by their major advisor and Drs. Schneider and Archer. A referenced abstract will be submitted one week prior to the presentation. Presentations will be evaluated on the basis of the quality of the selected literature, the presentation of the research material, and the integration of the material into the broader issues of Food Science.

**M.S. Research Presentations.** Students are required to give a **25-minute** presentation with 5 minutes for discussion on their M.S. research. This presentation should include an introduction to the research area, an overview of the literature, and the rationale for pursuing the hypothesis under investigation. Results should be presented in a format that is typical for appropriate peer-reviewed journals and includes statistical analysis. Conclusion and discussion will include how the research integrates with related research and significant contributions of

this research to advance the field of Food Science. This seminar will typically be given during the semester of graduation.

**Ph.D. Research Presentation.** Ph.D. students are also required to present a **40-minute** talk and 5 minutes for questions for their final seminar based on their Ph.D. dissertation research. This presentation should be an extended version of the format as described above for M.S. research presentations. This seminar will typically be given during the semester of graduation.

### **Attendance and Make-Up Work**

Attendance for seminar is mandatory. Points from your participation grade will be deducted for each seminar missed without an excused absence or prior approval of the instructors. Anyone not able to give their seminar during the normal semester class times will be given an "I" and will be allowed to present the following semester. Only one such deferral will be given.

### **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](http://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/](http://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>.