

University of Florida
College of Public Health & Health Professions
Syllabus
SPA 6805: Introduction to Graduate Research (3 credit hours)
Class Number: 19522
Semester: Summer C 2021
Delivery Format: On-Campus

Instructor Name: Yonghee Oh, Ph.D.
Room Number: HPNP G312
Course Time: Wednesday, Period 5-7 (2:00 PM to 6:15 PM)
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Office Hours: Wednesday 6:15 PM – 7:15 PM or by appointment
Preferred Course Communications: Email

PURPOSE AND OUTCOME

Course Overview

This course is designed to introduce Audiology graduate clinicians to the utility of clinical research and evidence-based medicine for your future clinical practice. This course provides a broad overview of: the scientific method, ethical considerations in research, principles of measurement, reliability and validity of clinical measurement and testing procedures, formulation of a testable research question, how to conduct a literature review in PubMed, evaluating components of a research article, research design, hypothesis testing, p-values, how to make sense of statistics, data analysis and appraising levels of evidence. **My goal is for you to become an informed consumer of clinical research so that you are empowered to critically appraise clinical research in your area when you practice your craft!**

Learning Objective

This course is designed to provide a knowledge and skills acquisition (KASA) experience for students who are preparing to apply for the Certificate of Clinical Competence (CCC) in Audiology from the American Speech-Language-Hearing Association (ASHA). A student must achieve 75% accuracy on each of the summative assessments to demonstrate minimum competency for KASA Standard IV-F. These accomplished practices are detailed in the ASHA Standards and Implementations for the Certificates of Clinical Competence in Audiology.

Upon completion of this course, you will be able to:

1. Understand the ethical conduct of researchers with clinical populations (KASA Standard IV-E).
2. Review, read, and critically evaluate research reports (KASA Standard IV-F, A18).
3. Demonstrate a fundamental knowledge of research methodology (KASA Standard IV-F, A18). This includes being able to identify independent and dependent variables in published research reports, identify a gap in knowledge or clinical care and formulate a testable research aim and hypothesis (KASA Standard IV-F, A18).
4. Identify and justify designs appropriate for different research questions (KASA Standard IV-F, A18).
5. Discuss advantages and disadvantages of group and single-subject experimental strategies (KASA Standard IV-F, A18).
6. Conduct a literature review in PubMed (or other sites of choice) to obtain a complete list of readings in a chosen area of interest (KASA Standard IV-F, A18).
7. Use a citation software program to cite relevant literature and create a bibliography (KASA IV-F, A18).
8. Orally present an overview / critically appraisal of the evidence behind a specific treatment in communication sciences and disorders (KASA Standard IV-F, A18).

9. Actively participate in critical discussions about strengths, weaknesses and implications of peer-reviewed articles in communication sciences and disorders (KASA Standard IV-G, A18).
10. Critically evaluate research literature using evidence-based practice procedures to determine relevance and application to clinical practice across a variety of disorders and ages (KASA Standard IV-G, A18).

Course Materials

You will not be required to purchase any text books for this course. We will provide you with weekly reading materials that will be uploaded to the e-learning canvas site.

Please see the separate uploaded detailed course schedule on canvas.

For technical support for this class, please contact the UF Help Desk at:

- Learning-support@ufl.edu
- (352) 392-HELP - select option 2
- <https://lss.at.ufl.edu/help.shtml>

ACADEMIC REQUIREMENTS AND GRADING

Requirement	Due date	% of final grade
Participation in weekly class sessions/Discussion	Every class meeting	15%
Article Review/Presentation	Every class (Week 3 – 12)	35%
Final Project (Oral presentation/Written document)	8/6/21	50%

Final project

Students will present to the class a succinct summary of their research project on August 6, 2021. This is meant to be a practical and helpful assignment to get you ready for your future research project. It is highly recommended that you start this EARLY in the semester and that you meet with your research mentor before or during the first week of class to formulate a topic so that you can complete each lab assignment in this area to work easily towards this final presentation. Each student will present in fifteen minutes or less the following:

1. Background (prevalence, cause and why should we care!)
2. Clinical Gap in Care or Knowledge Gap Statement (what is not known or a barrier to best clinical care)
3. Aims
4. Hypothesis
5. Methods of project and timeline
6. Expected outcomes

Students will also submit a written document to Dr. Oh that is intended to be the introduction and methods of your thesis document. Dr. Oh is happy to ahead of time review the written document or slides if submitted prior to July 28th. The oral presentation will be worth 20 points and the written document 30 points.

Letter grade to grade point conversions are fixed by UF and cannot be changed.

Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E
Percentage	93-100	90-92.99	87-89.99	83-86.99	80-82.99	77-79.99	73-76.99	70-72.99	67-69.99	63-66.99	60-62.99	<60
Grade points	4.0	3.67	3.33	3.0	2.67	2.33	2.0	1.67	1.33	1.0	0.67	0.0

Please be aware that a C- is not an acceptable grade for graduate students. The GPA for graduate students must be 3.0. in all 5000 level courses and above to graduate. A grade of C counts toward a graduate degree only if a sufficient number of credits in courses numbered 5000 or higher have been earned with a B+ or higher. In addition, the Bachelor of Health Science Program does not use C- grades.

More information on UF grading policy may be found at:

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

Policy Related to Make up Exams or Other Work

In general make-up exams will not be given. Any requests for make-ups due to technical issues MUST be accompanied by the ticket number received from LSS when the problem was reported to them. The ticket number will document the time and date of the problem. You MUST e-mail me within 24 hours of the technical difficulty if you wish to request a make-up.

Policy Related to Required Class Attendance

Attendance and Participation: Students are expected to be present for all class sessions. Attendance will be recorded at the beginning of each class session, and will be available in CANVAS for you to view. If a student has to leave early, they need to notify the instructor prior to the start of the class so that attendance can be documented appropriately. More than 1 unexcused absence will result in a loss of the 10% participation portion of the final grade.

Please note all faculty are bound by the UF policy for excused absences. For information regarding the UF Attendance Policy see the Registrar website for additional details:

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

Excused absences must be consistent with university policies in the Graduate Catalog

(<http://gradcatalog.ufl.edu/content.php?catoid=10&navoid=2020#attendance>) and require appropriate documentation. Additional information can be found here:

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

STUDENT EXPECTATIONS, ROLES, AND OPPORTUNITIES FOR INPUT

Expectations Regarding Course Behavior

Students are expected to participate and engage actively in class discussions. Students are expected to contribute to class discussions, and offer time for others to speak. Students are expected to not engage in disruptive activities (i.e., using a cellphone in class, dominating the conversation). Laptops are permitted provided that their use is relevant to class discussions, materials, and sessions.

Communication Guidelines

Please make sure you utilize appropriate etiquette in all in person and online communication opportunities. Please see this guide for additional information:

<http://teach.ufl.edu/wp-content/uploads/2012/08/NetiquetteGuideforOnlineCourses.pdf>

Academic Integrity

Students are expected to act in accordance with the University of Florida policy on academic integrity. 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 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 additional information regarding Academic Integrity, please see Student Conduct and Honor Code or the Graduate Student Website for additional details:

<https://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>

<http://gradschool.ufl.edu/students/introduction.html>

Please remember cheating, lying, misrepresentation, or plagiarism in any form is unacceptable and inexcusable behavior.

Online Faculty Course Evaluation Process

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/>.

Policy Related to Guests Attending Class

Only registered students are permitted to attend class. However, we recognize that students who are caretakers may face occasional unexpected challenges creating attendance barriers. Therefore, by exception, a department chair or his or her designee (e.g., instructors) may grant a student permission to bring a guest(s) for a total of two class sessions per semester. This is two sessions total across all courses. No further extensions will be granted. Please note that guests are **not** permitted to attend either cadaver or wet labs. Students are responsible for course material regardless of attendance. For additional information, please review the Classroom Guests of Students policy in its entirety. Link to full policy:

<http://facstaff.php.ufl.edu/services/resourceguide/getstarted.htm>

SUPPORT SERVICES

Accommodations for Students with Disabilities

If you require classroom accommodation because of a disability, it is strongly recommended you register with the Dean of Students Office <http://www.dso.ufl.edu> within the first week of class or as soon as you believe you might be eligible for accommodations. The Dean of Students Office will provide documentation of accommodations to you, which you must then give to me as the instructor of the course to receive accommodations. Please do this as soon as possible after you receive the letter. Students with disabilities should follow this procedure as early as possible in the semester. The College is committed to providing reasonable accommodations to assist students in their coursework.

Counseling and Student Health

Students sometimes experience stress from academic expectations and/or personal and interpersonal issues that may interfere with their academic performance. If you find yourself facing issues that have the potential to or are already negatively affecting your coursework, you are encouraged to talk with an instructor and/or seek help through University resources available to you.

- The Counseling and Wellness Center 352-392-1575 offers a variety of support services such as psychological assessment and intervention and assistance for math and test anxiety. Visit their web site for more information: <http://www.counseling.ufl.edu>. On line and in person assistance is available.
- You Matter We Care website: <http://www.umatter.ufl.edu/>. If you are feeling overwhelmed or stressed, you can reach out for help through the You Matter We Care website, which is staffed by Dean of Students and Counseling Center personnel.
- The Student Health Care Center at Shands is a satellite clinic of the main Student Health Care Center located on Fletcher Drive on campus. Student Health at Shands offers a variety of clinical services. The clinic is located on the second floor of the Dental Tower in the Health Science Center. For more information, contact the clinic at 392-0627 or check out the web site at: <https://shcc.ufl.edu/>
- Crisis intervention is always available 24/7 from:
Alachua County Crisis Center:
(352) 264-6789
<http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>

Do not wait until you reach a crisis to come in and talk with us. We have helped many students through stressful situations impacting their academic performance. You are not alone so do not be afraid to ask for assistance.

Inclusive Learning Environment

Public health and health professions are based on the belief in human dignity and on respect for the individual. As we share our personal beliefs inside or outside of the classroom, it is always with the understanding that we value and respect diversity of background, experience, and opinion, where every individual feels valued. We believe in, and promote, openness and tolerance of differences in ethnicity and culture, and we respect differing personal, spiritual, religious and political values. We further believe that celebrating such diversity enriches the quality of the educational experiences we provide our students and enhances our own personal and professional relationships. We embrace The University of Florida's Non-Discrimination Policy, which reads, "The University shall actively promote equal opportunity policies and practices conforming to laws against discrimination. The University is committed to non-discrimination with respect to race, creed, color, religion, age, disability, sex, sexual orientation, gender identity and expression, marital status, national origin, political opinions or affiliations, genetic information and veteran status as protected under the Vietnam Era Veterans' Readjustment Assistance Act." If you have questions or concerns about your rights and responsibilities for inclusive learning environment, please see your instructor or refer to the Office of Multicultural & Diversity Affairs website: www.multicultural.ufl.edu