

## RSD6110 (Section 7387)

# Rehabilitation Science Theory and Applications

Fall 2020 - Online

**Instructors:** John Kramer, PhD and Alison Barnard, DPT, PhD

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Office Location: HPNP 2165 (JK) and CTRB 2213 (AB)

Office Hours: By appointment (over Zoom)

Dr. Kramer's virtual office: <https://ufl.zoom.us/my/john.kramer>

Dr. Barnard's virtual office: <https://ufl.zoom.us/j/2251101219>

**Course Schedule:** Mondays, 8:30-11:30 via Zoom

**Website:** <https://ufl.instructure.com/courses/405599>

**Preferred Course Communications:** Post questions to the discussion boards associated with this course Canvas page or email instructors.

**Textbook:** No required text. All readings will be provided on the course website

## Course Overview

This course provides a foundational introduction to Rehabilitation Science as an interdisciplinary field and collaboration. Drs. Kramer and Barnard will coordinate a group of rehabilitation scientists in the teaching of this class. The group's main goals will be to highlight the theory and practice of rehabilitation science and to expose students to special rehabilitation topics. The class will be comprised of fourteen sessions, organized into four main themes. Session will combine lectures, in-class activities, student presentations, guest speakers, and discussion. As with all graduate education, each student's active participation and engagement is encouraged. Any readings will be posted ahead of each session on the course website.

### Course Objectives and Goals

1. Compare and contrast the primary elements of a variety of models of enablement.
2. Apply different areas of rehabilitation science research to the different models of health, function, and disability.
3. Outline the breadth of rehabilitation research and the types of careers within the field.
4. Dissect contemporary issues in rehab, biomedical research, and society within the context of the rehabilitation science discipline and the relevant models of health, function, and disability.
5. Synthesize, evaluate, and critique academic rehabilitation research pertinent to an area of interest keeping in mind research quality and levels of evidence.
6. Provide constructive feedback for peers and colleagues on rehabilitation science related writings, presentations, and ideas.

### **What is expected of you?**

You are expected to actively engage in the course throughout the semester. You should come to class prepared by completing any out-of-class assignments. This preparation gives you the knowledge or practice needed to engage in higher levels of learning during the class sessions. If you are not prepared for the face-to-face sessions, you may struggle to keep pace with the activities occurring in the live sessions, and it is unlikely that you will reach the higher learning goals of the course. Similarly, you are expected to actively participate in the class. Your participation fosters a rich course experience for you and your peers that facilitates overall mastery of the course objectives.

## **Topics and course schedule**

<b>Unit 1 - Foundations of Rehabilitation Science</b>		
Aug 31	Introduction to Rehabilitation Science	
Sept 7	LABOR DAY HOLIDAY – NO CLASS	
Sept 14	Foundational Models in Rehabilitation Science	RS Agenda Pt 1 Due 9/17
Sept 21	Critical Models of Rehabilitation Science 2	
<b>Unit 2 – The Scope of Rehabilitation Science and Types of Research</b>		
Sept 28	Becoming a Rehabilitation Scientist	
Oct 5	Rehabilitation Scientist Speakers – Academic Careers	Reflection Due 10/8
Oct 12	Rehabilitation Scientist Speakers – Careers Outside Academia	Reflection Due 10/15, RS Agenda Pt 2 Due 10/15
<b>Unit 3 – Contemporary Topics in Rehabilitation Science</b>		
Oct 19	Diversity and Inclusion in Rehabilitation and Rehab Sci	Reflection Due 10/22
Oct 26	Roundtable: COVID19	Reflection Due 10/29
Nov 2	Roundtable: Technologies in Rehabilitation Science	RS Agenda Pt 3 Due 11/2
<b>Unit 4 – Skills and Tools to be an Effective Rehabilitation Scientist</b>		
Nov 9	Critical Evaluation of Literature and Becoming an Excellent Peer Reviewer	Peer Review due 11/12
Nov 16	Being a Good Rehab Researcher and Citizen: Knowledge Translation	
Nov 23	Engaging in Journal Clubs and Presenting to Diverse Audiences	Diverse Audience Presentation Day
Nov 30	An Orientation to the Entities that Fund Rehabilitation Research	RS Agenda Pt 4 Due 11/30
Dec 7	The "Other" Quantitative Research: Measurement Rehab Science	

## Assignments and Grading

### Course Grading Breakdown

- 20% = Participation in discussions and engagement in class
- 10% = Completions of “Reflections” assignments
- 5% = Peer Review activity
- 5% = Presenting to Diverse Audiences assignment
- 10% = Rehab Science Agenda Part 1
- 15% = Rehab Science Agenda Part 2
- 15% = Rehab Science Agenda Part 3
- 20% = Rehab Science Agenda Part 4

### Grading System

Points earned	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	Below 60
Letter Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	E

For greater detail on the meaning of letter grades and university policies related to them, see: <https://catalog.ufl.edu/graduate/regulations/#text>

### Reflections Assignments

Students will write a brief, 1 page (double spaced) reflection on a point of interest from each of four lectures. A rubric describing required elements will be posted on Canvas. Reflections are due the Thursday after the session at 11:59pm.

### Peer Review Activity

Using some of the best practices in peer review discussed in class, each student will provide a peer review of two other students’ Rehabilitation Science Agenda Part 3 paper. Assignment details and grading rubric will be provided on the course website. Due Nov 12<sup>th</sup> at 11:59pm.

### Presenting to Diverse Audiences

Students will present two powerpoint talks or mock science posters for 5 minutes each on the same topic, but designed for two separate “audiences.” Assignment details and grading rubric will be provided on the course website. Students will present in class on Nov 23<sup>rd</sup>.

### Rehabilitation Science Agenda (Parts 1-4)

The overall purpose of this semester long project is to identify, research, and critically evaluate an area of interest in the field of rehabilitation science. Ultimately, you will formulate a future rehabilitation research agenda for your selected topic to continue to move the field forward in that area. The assignment is divided into four parts designed to build upon one another and culminate in the rehabilitation research agenda. Assignment details and grading rubric will be provided on the course website, and due dates for each portion are listed in the “Topics and Course Schedule” table above (always due at 11:59pm on the posted date).

## Course Policies

### **Policy Related to Make up Work**

Submission of work after the posted deadline will result in a reduction of 10% off the final grade per day late unless an alternative due date has been discussed and approved by one of the instructors. If special circumstances arise, please communicate this to the instructors, and we will do our best to be flexible. 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 within 24 hours of the technical difficulty if you wish to request a make-up.

### **Policy Related to Required Class Attendance**

Please note all faculty are bound by the UF policy for excused absences. Excused absences must be consistent with university policies in the Graduate Catalog:

<https://catalog.ufl.edu/graduate/regulations/#text>. Additional information can be found here:

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

### **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 Course Policies**

Our class sessions may be audio visually recorded for students in the class to refer back 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, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to

keep your mute button activated and communicate exclusively using the "chat" feature, which 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.*

If you experience technical issues connecting to UF WiFi, the course website, class lectures, or other online content related to the course, contact the UF Computing Help Desk <https://helpdesk.ufl.edu/> or call 352-392-4357.

### **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/>.

## **Support Services and Resources**

### **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.

Students with disabilities who experience learning barriers and would like to request academic accommodations should connect with the Disability Resource Center by visiting <https://disability.ufl.edu/students/get-started/>. It is important for students to share their accommodation letter with their instructor and discuss their access needs, as early as possible in the semester.

### **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:* Visit <http://www.counseling.ufl.edu> or call 352-392-1575 for information on crisis services as well as non-crisis services (counseling, group therapy, online resources, etc).
- *U Matter, We Care:* If you or someone you know is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu), 352-392-1575, or visit <http://www.umatter.ufl.edu/> to refer or report a concern and a team member will reach out to the student in distress.

- *Student Health Care Center*: Call 352-392-1161 for 24/7 information to help you find the care you need, or visit <https://shcc.ufl.edu/>.
- *Alachua County Crisis Center*: Crisis intervention is always available 24/7. Call (352) 264-6789 or visit <http://www.alachuacounty.us/DEPTS/CSS/CRISISCENTER/Pages/CrisisCenter.aspx>
- *University Police Department*: Visit <https://police.ufl.edu/> 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; <https://ufhealth.org/emergency-room-trauma-center>

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](http://www.multicultural.ufl.edu)