

Foundations in Ethical Research

UCSF GRAD214 Spring 2024

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Basic Course Information

Lecture Meeting Dates & Times

January 8, February 5, March 4, April 8, May 6, and June 3, 2023

11:30 AM to 1:00 PM

Course Locations (Attend class in person when lecture is on your home campus)

January 8, March 4, and May 6- Mission Bay (in-person), Parnassus- (Zoom)

February 5, April 8, and June 3- Parnassus (in-person), Mission Bay (Zoom)

Discussion Sections Meeting Dates & Times

Graduate Faculty led discussion sessions will be held in the same week as the monthly course lecture.

Led by graduate faculty, students will spend 90 minutes in small groups discussing cases related to that month's RCR lecture. Dates and times will be set by individual programs; attendance will be

recorded.

Instructional Team

Lecture Lead

Victoria Sharma, PhD, UC Berkeley, Research Administration and Compliance

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UCSF Program Director

Nancy Street, PhD, Interim Associate Dean, UCSF Graduate Division

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Teaching Assistant

Kourtney Nham, Rosenberg-Hill Fellow, PhD student, UCSF

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Guest Lecturers:

Denise Caramagno, MA, LMFT Denise.Caramagno@ucsf.edu 415-640-9080

Confidential CARE Advocate, Co-Director of CARE Program

<https://careadvocate.ucsf.edu/>

Kendra Hypolite, MSW, ASW Kendra.Hypolite@ucsf.edu 415-269-5935

CARE Advocate for Racial Justice, Co-Director of CARE Program

<https://careadvocate.ucsf.edu/>

Required Materials

The class will be using google forms to make our class time more engaging. This will give everyone a chance to participate, and increase engagement in the class.

Participating in the google forms part of class will be counted towards your final grade. Attendance and engagement will be monitored. Attendance is required and participation in in-class activities is expected to be at least 75%.

You are required to participate with a smartphone, tablet or laptop. QR codes and URLs for each google form poll will be displayed during the lectures.

Course Description

The purpose of this course is to ensure that research trainees are well versed with respect to training in responsible conduct in research (RCR). Students also gain an understanding of federal, state, and UCSF policies and resources available to further support their research endeavors.

Methods of Instruction:

- Course meetings include lectures, case studies, and group discussions.
- Graduate Faculty led discussion section meetings include case studies and group discussions in smaller groups.

Learning Outcomes

In this course, you will:

- Explore mentor and trainee relationships and apply best practices as a mentor and mentee.
- Gain exposure to important guidelines and resources that ensure the protection of human subjects and the welfare of laboratory animals.
- Learn strategies for prevention of sexual misconduct as well as strategies for building an inclusive work environment

After taking this course, you will be able to:

- Identify the different forms of research misconduct and understand the process for reporting misconduct to the appropriate authorities.
- Explain the significance of ethical decision-making in order to be a responsible member of the scientific community and society as a whole.
- Recognize conflicts of interest (personal, professional, and financial) and learn how to report, manage, or eliminate significant conflicts.
- Apply best practices for productive collaborative research projects including collaboration with industrial partners.

- Employ strategies to avoid authorship disputes and questionable publication practices.
- Understand the importance of peer review and generate responsible peer reviews.

Evaluation of student performance

- Attendance is required to receive credit for the course.
- Google forms will be used for monitoring attendance and classroom assessments.
PLEASE BE SURE TO BRING YOUR DEVICE.
- Attendance will be taken during each lecture and discussion section.
- If you miss one lecture, you can make up the session by watching the recorded lecture (linked to the syllabus) and submitting bulleted notes (1-2 pages) of the recorded lecture by email.
- Please turn in make-up assignments by email with the RE line Spring 2024 UCSF RCR Make-up before the last day of class.

Absence Policy

- If you must miss more than one lecture, it must be for research purposes (i.e. travel to an investigation site or a meeting for a presentation). You will still be required to make up the lecture as described above as well as submit documentation of the research travel activity to the instructor.
- Missed discussion sessions can be made-up by attending another section the same week (with the faculty instructor's approval) or attending the corresponding discussion section next spring.

If you are ill and need to quarantine, please stay at home. Contact Dr. Sharma via email as soon as possible. She will work with you on the course completion.

Lecture Topics Schedule

Session 1: The Reproducibility Crisis

Session 2: Research Misconduct, Social Responsibility, and the Importance of Research Security

Session 3: Responsible Authorship, Publication, and Peer Review, Data management

Session 4: Mentor/mentee Responsibilities and Relationships and Conflicts of Interest

Session 5: The Protection of Human Subjects, The Welfare of Laboratory Animals, and Collaborative Research and Professionalism

Session 6: SPECIAL SESSION- GUEST SPEAKER- Denise Caramagno and Kendra Hypolite from UCSF CARE, Developing inclusive research communities, Prevention of sexual harassment and violence.

Discussion Topics Schedule

Session 1: The Reproducibility Crisis

Session 2: Research Misconduct and Social Responsibility

Session 3: Responsible Authorship, Publication, and Peer Review

Session 4: Mentor/mentee Responsibilities and Relationships

Session 5: The Protection of Human Subjects and The Welfare of Laboratory Animals

Session 6: Conflicts of Interest and Collaborative Research and Professionalism

Additional Online Resources

[On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition](#)

[Office for Human Research Protections \(OHRP\)](#)

[Online Ethics Center for Engineering and Research](#)

Accommodations for Students with Disabilities

Please contact Dr. Sharma as soon as possible if you need particular accommodations, and we will work out the necessary arrangements.

Policy on Violence and Harassment

Our goal is that this classroom is a participatory community where everyone can fulfill their potential for learning; there is no place for sexual harassment or violence. If your behavior harms another person in this class, you may be removed from the class temporarily or permanently, or from the University. If you or someone you know experiences sexual violence or harassment, there are options, rights, and resources, including assistance with academics, reporting, and medical care.