

The University of Texas at El Paso
College of Health Sciences
Interprofessional Health Sciences PhD Program

CHSC 6350

Scientific and Grant Writing

Spring 2022

Tentative Topic/Assignment Outline:

Date	Topic	Reading Assignments	Assignment Due Dates
Week 1 Jan 24	<ul style="list-style-type: none"> - Introduction to the class - Peer-review process - Being a Reviewer 	Seals, D. and H. Tanaka. 2000. Benos, D. et al. 2003. Writing and publishing a scientific research paper (Chapter 15)	
Week 2 Jan 31	<ul style="list-style-type: none"> - Choosing the right journal - Manuscript components - Author guidelines - Authorship 	Writing and publishing a scientific research paper (Chapters 1, 2, 11, and 13; Chapters 3-10, recommended). Strategic scientific and medical writing: the road to success (Chapter 14)	
Week 3 Feb 07	<ul style="list-style-type: none"> - EndNote/RefWork workshop (in Library) - Basics of Technical writing - Academic misconduct 	Writing and publishing a scientific research paper (Chapter 17). Strategic scientific and medical writing: the road to success (Chapters 4, 5, and 6) Reporting Results: A Practical Guide for Engineers and Scientists. Book Summary.	
Week 4 Feb 14	<ul style="list-style-type: none"> - What is NIH - Funding opportunities - Grant mechanisms 	ORSP Rep coming to give presentation; Time/person TBD	Manuscript review due date
Week 5 Feb 21	<ul style="list-style-type: none"> - Specific Aims - Biosketch 	Read NIH Grant Application Workbook (Chapters 7, 8, and 12) and the following link Biosketch Information	
Week 6 Feb 28	<ul style="list-style-type: none"> - Research Strategy - Significance/Innovation - Approach 	Read NIH Grant Application Workbook (Chapters 10 and 11)	
Week 7 Mar 07	<ul style="list-style-type: none"> - NIH Study Section 		Grant review due date
Week 8 Mar 14	Spring Break		
Week 9 Mar 21	<ul style="list-style-type: none"> - Working time 	On your own. Start or continue writing your final assignment	
Week 10 Mar 28	<ul style="list-style-type: none"> - Journal Editor - Working Time 	Dr. Eggleston and Dr. Gurovich will review your drafts and send it back to you to work on them. One-on-one Zoom meetings if needed.	
Week 11 Apr 04	<ul style="list-style-type: none"> - Working Time - Editing help 	Dr. Eggleston and Dr. Gurovich will review your drafts and send it back to you to work on them. One-on-one Zoom meetings if needed.	
Week 12 Apr 11	<ul style="list-style-type: none"> - Working Time - Editing help 	Dr. Eggleston and Dr. Gurovich will review your drafts and send it back to you to work on them. One-on-one Zoom meetings if needed.	
Week 13 Apr 18	<ul style="list-style-type: none"> - Working Time - Editing help 	Dr. Eggleston and Dr. Gurovich will review your drafts and send it back to you to work on them. One-on-one Zoom meetings if needed.	Manuscript due date for half class
Week 14 Apr 25	<ul style="list-style-type: none"> - Peer review 	Half class	Manuscript/Grant due date for half class
Week 15 May 02	<ul style="list-style-type: none"> - Peer review 	Half class	
Week 16 May 09	<ul style="list-style-type: none"> - Final project presentations 	10-min (up to 5 slides) presentation about your manuscript/Grant.	