

IMPORTANT: This syllabus form should be submitted to OAA (gsbs_academic_affairs@uth.tmc.edu) a week before the start of each semester.

NOTE to STUDENTS: If you need any accommodations related to attending/enrolling in this course, please contact one of the Graduate School's 504 Coordinators, Cheryl Spitzenberger or Natalie Sirisaengtaksin. We ask that you notify GSBS in advance (preferably at least 3 days before the start of the semester) so we can make appropriate arrangements.

<p>Term and Year:</p> <p>Course Number and Course Title: (G&E)</p> <p>Credit Hours:</p> <p>Meeting Location:</p> <p>Building/Room#:</p> <p>WebEx/Zoom Link:</p>	<p>Program Required Course: Yes No</p> <p>Approval Code: Yes No</p> <p>(If yes, the Course Director or the Course Designee will provide the approval code.)</p> <p>Audit Permitted: Yes No</p> <p>Classes Begin:</p> <p>Classes End:</p> <p>Final Exam Week:</p>
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Class Meeting Schedule

Day	Time

<p>Course Director Name and Degree: Title: Department: Institution: <i>UTH</i> <i>MDACC</i> Email Address: Contact Number:</p> <p>Course Co-Director/s: (if any) Name and Degree: Title: Department: Institution: <i>UTH</i> <i>MDACC</i> Email Address: Contact Number:</p> <p>Office Hours:</p>	<p>Instructor/s (Use additional page as needed)</p> <p>1. Name and Degree: Institution: Email Address :</p> <p>2. Name and Degree: Siddharth Prakash, MD, PhD Institution: UTHealth Email Address :Siddharth.K.Prakash@uth.tmc.edu</p> <p>3. Name and Degree: Timothy McDonnell, MD, PhD Institution: MDACC Email Address: tmcdonne@mdanderson.org</p> <p>4. Name and Degree: Institution: Email Address:</p>
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Teaching Assistant: (if any) N/A Name and Email Address Name and Email Address	Cont. Instructor/s 5. Name and Degree: Institution: Email Address:
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Course description:

Textbook/Supplemental Reading Materials (if any)

- N/A
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Course Objective/s:
Upon successful completion of this course, students will

Specific Learning Objectives:

- 1.
- 2.
- 3.
- 4.

Student responsibilities and expectations:

Genetics & Epigenetics Program Scientific Writing Course

Fall 2023 August 28 – December 8

3:00PM Mondays Gallick Classroom

Class	Lectures	In-Class Student Activities	Assignments for Next Week
Before Class #1			With advisor input, decide on review topic, select three key references, and propose target journal(s)
Week 1 Aug 28	Choosing a title for your review (RB) How to summarize articles (TM)	Student introductions and two minute 'elevator talks;' present selected references and target journals	Identify questions that review will focus on; summarize up to 3 key references
Week 2 Sep 4	NO CLASS LABOR DAY HOLIDAY		
Week 3 Sep 11	Search strategies and compiling references (SP)	Students present & critique questions that review will address (aims) and summaries of 1-3 key articles	Develop search strategies; is there enough literature to support a review in this area?
Week 4 Sep 18 SP out	Components and structure of a mini-review (RB)	Students present & critique search strategies and aims of review	Finalize and implement search strategy; expand reference list; create a general outline of the review
Week 5 Sep 25	How to create an effective outline (SP)	Whole group check-in: How do you ensure that you identified all relevant articles? Small groups: Students present & critique general outline of review	Refine and complete outlines; draft Introduction
Week 6 Oct 2 SP out	"Writing an Effective Narrative Review"	Small groups: Students present & critique Introduction	Revise and complete Introduction. Outline article summary section. What is your organizing principle? Examples: timeline (chronological), result (positive or negative), method.
Week 7 Oct 9	Figures, Legends and Tables (TM) "Creating Effective Tables"	Whole group check-in: What do you need to include in the Intro to address the goals of the review? Small groups: Students present & critique Intro and outline of data summary sections	Review and revise Introduction using input from class and your advisor. Draft article summary section. How complete is the data? Is available data consistent with the goals of your review? Adjust as needed.
Week 8 Oct 16	"Tackling the Writing Process"	Small groups: Students present & critique data presentation sections	Revise article summary section. Draft tables and figures.
Week 9 Oct 23	"Confusing Sentences Made Clear"	Whole group check-in: Do tables and figures appropriately support the goal of the review? Small groups: Students present & critique draft tables and figures.	Revise tables and figures. Prepare draft of concluding section: summarize key points, take home messages, perspectives, current questions in the field, areas needing future study.

Week 10 Oct 30	How to write an effective Conclusion (SP)	Small groups: Students present & critique first draft of concluding section.	Finalize tables and figures. Complete the concluding section, incorporating feedback.
Week 11 Nov 6	How to write an effective Abstract (TM)	Whole group check-in: Are key take-home points consistent with stated goal of review? Anything missing? Small group: Students present & critique draft of concluding section.	Draft Abstract and start to put it all together in final draft of review. Did your conclusions change? Do you need to reanalyze articles from a different perspective?
Week 12 Nov 13	"Avoiding Wordiness"	Small group: Students present & critique Abstract	Turn in final drafts by Friday Nov 20.
Week 13 Nov 20	THANKSGIVING WEEK NO CLASS		Critique one fellow student's draft review (will be assigned).
Week 14 Nov 27	How to write a cover letter (SP)	Whole group check-in: How to read and respond to critiques Small group: One-on-one review of student critiques	Instructors' comments on reviews given to students by morning of Friday Dec 2.
Week 15 Dec 4	Review process & responding to reviewers (RB)	Whole group check-in: Checklist for completion of review Small group: One-on-one review of instructors' comments	

Instructors:

Siddharth Prakash, MD, PhD
 Medical Genetics, MMS
 713-500-7003 (office)
 832-428-0433 (cell)
 siddharth.k.prakash@uth.tmc.edu

Tim McDonnell, MD, PhD
 Hematopathology, MDACC
 713-563-4720 (office)
 832-396-1640 (cell)
 tmcdonne@mdanderson.org

Richard Behringer, PhD
 Genetics, MDACCC
 713-834-6327 (office)
 rrb@mdanderson.org