

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: Spring 2025</p> <p>Course Number and Course Title: GS04 1821: Genetics and Epigenetics Oral Scientific Presentations</p> <p>Credit Hours: 1</p> <p>Meeting Location: UTH-MDACC/ Basic Science Research Building (BSRB)</p> <p>Building/Room#: Gallick Room (BSRB S3.8367)</p>	<p>Program Required Course: Yes</p> <p>Approval Code: Yes (If yes, the Course Director or the Course Designee will provide the approval code.)</p> <p>Audit Permitted: No</p> <p>Classes Begin: January 13, 2025</p> <p>Classes End: May 5, 2025</p> <p>Final Exam Week: N/A</p>
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Class Meeting Schedule

Day	Time
Monday	10:00 – 11:30am and 10:00 – 12:00pm (as needed)

<p>Course Director</p> <p>Name and Degree: Francesca Cole, PhD</p> <p>Title: Associate Professor</p> <p>Department: Epigenetics and Molecular Carcinogenesis</p> <p>Institution: MDACC</p> <p>Email Address: fcole@mdanderson.org</p> <p>Contact Number: 917-361-3558</p> <p>Course Co-Director/s:</p> <p>Name and Degree: Marie-Claude Hofmann, PhD</p> <p>Title: Professor</p> <p>Department: Endocrine Neoplasia and Hormonal Disorders</p> <p>Institution: <i>MDACC</i></p> <p>Email Address: MHofmann@mdanderson.org</p> <p>Contact Number: 713-745-2009</p>	<p>Instructor/s</p> <p>1. Francesca Cole, PhD</p> <p>Institution: MDACC</p> <p>Email Address : fcole@mdanderson.org</p> <p>2. Marie-Claude Hofmann, PhD</p> <p>Institution: MDACC</p> <p>Email Address : MHofmann@mdanderson.org</p> <p>3. Michael Galko, PhD</p> <p>Institution: MDACC</p> <p>Email Address : migalko@mdanderson.org</p>
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NOTE: Office hours are available by request. Please email me to arrange a time to meet.

Teaching Assistant:

N/A

Name and Email Address

Course Description:

The G&E Scientific Presentation class is designed for second year students who have chosen their thesis lab and are preparing for their candidacy exam. The students will use their thesis project as a template to develop a 15-minute scientific presentation. All aspects of the presentation will be covered including title and introduction slides, organizing your data into a story, model slides and conclusions and answering questions. In addition to the 15-minute presentation students will also give two 90 second elevator talks for scientists and non-scientists. Students will also present a 10-minute chalk talk in preparation for the G&E qualifying exam. This course is designed to prepare the student for the oral defense portion of their candidacy exam and to prepare the student to present their work in both short and long format platform presentations.

Textbook/Supplemental Reading Materials (if any)

- N/A

Course Objective/s:

Upon successful completion of this course, students will improve presentation of their science in both academic and non-academic settings

Specific Learning Objectives:

1. Develop and give two 90-second elevator talks on your research, one geared toward scientists and one geared toward non-scientists.
2. Create and organize introduction, data, and conclusion slides on your research.
3. Articulate what you are doing and what you plan to do to other scientists.
4. Develop and practice a 10-min. chalk talk of your science.
5. Learn to provide constructive feedback on other “students/peoples” talks.

Student responsibilities and expectations:

Students enrolled in this course will be expected to perform the following activities:

1. Give a 10-minute chalk talk describing their research plan.
2. Give a 15-minute talk to the class with 5 minutes of question and answers after your talk.
3. Participate in class discussion and in review and critique sessions.
4. Attend class; More than 2 unexcused absences will be counted as a Fail.
5. Give two 1 ½ minute elevator talks to the class.

Plagiarism and failure to properly cite scientific literature and other sources will not be tolerated and are grounds for dismissal from the course and further GSBS disciplinary action.

Feedback

Your feedback on the organization and content of this course is critical for us to provide you and future classes with the best possible course. Please do not hesitate to provide your comments or criticisms during class or if you would like feel free to contact the class coordinators if you have comments or criticisms; these comments and/or criticisms will have no impact on your grading for the course.

Grading System: **Pass/Fail**

Student Assessment and Grading Criteria :

To pass you must do the following five things: 1) Give two 1 ½ minute elevator talks to the class. 2) Give a 10-minute chalk talk describing your research plan. 3) Give a 15-minute talk to the class with 5 minutes of question and answers after your talk. 4) Participate in class discussion and in review and critique sessions. 5) Attend class; you cannot miss more than 2 class sessions, or it will be counted as a Fail.

Percentage	Description
Participation and/or Attendance (50%)	Missing more than 2 class sessions will be counted as a Fail.
Presentation (50%)	All presentations must be given for a pass.

CLASS SCHEDULE

Date	Duration (Hour(s) taught by lecturer)	Lecture Topic	Lecturer/s
January 13	1.5 hours	Why Give a Research Talk: Text and Graphic Abstracts	Faculty (Hofmann)
January 20		Martin Luther King Holiday, (No Class)	
January 27	1.5 hours	Telling Your Story on a Napkin: Intro to Giving Elevator Talks	Students & Faculty (Galko)
February 3	1.5 hours	Elevator Talks to Scientists (Blaffer Speakers)	Students & Faculty (Hofmann)
February 10	1.5 hours	How to Get Started: Title, Introduction, and Outlining	Students & Faculty
February 17	1.5 hours	Making and Organizing Slides	Faculty (Cole)
February 24	1.5 hours	Presenting and Describing Your Data	Students & Faculty
March 3	1.5 hours	Finishing Your Talk	Students & Faculty
March 10		Spring break (no class)	
March 17	1.5 hours	Elevator Talks to Non-Scientists	Students & Guest Non-Scientist
March 24	1.5 hours	Posters & Chalk Talk Basics	Faculty (Galko & Cole)
March 31	2 hours	Chalk Talks (6 students)	Students & Faculty
April 7	2 hours	Chalk Talks (6 students)	Students & Faculty
April 14	2 hours	Final Presentations (3 students)	Students & Faculty
April 21	2 hours	Final Presentations (3 students)	Students & Faculty
April 28	2 hours	Final Presentations (3 students)	Students & Faculty
May 5	2 hours	Final Presentations (3 students)	Students & Faculty