

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 Spitzengerger 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 Fall 2022</p> <p>Course Number and Course Title: GS11 1711 Seminar in Genetics and Population Biology (cross-listed with PH2960)</p> <p>Credit Hours: 1</p> <p>Meeting Location: UTHealth School of Public Health, 1200 Pressler Street, Houston, TX</p> <p>Building/Room#: RAS Bld, Room E-705</p> <p>WebEx/Zoom Link:</p>	<p>Program Required Course: Yes X No</p> <p>Approval Code: X Yes No</p> <p>(If yes, the Course Director or the Course Designee will provide the approval code.)</p> <p>Audit Permitted: X Yes No</p> <p>Classes Begin: August 29, 2022</p> <p>Classes End: December 9, 2022</p> <p>Final Exam Week: December 12-16, 2022</p>
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Class Meeting Schedule

Day	Time
Monday	4:00 – 4:50 pm

<p>Course Director Name and Degree: Eric Boerwinkle, PhD Title: Dean and M. David Low Chair in Public Health, School of Public Health, Professor Department: Human Genetics Center, Dept. Epidemiology, Human Genetics and Environmental Sciences, UTHealth School of Public Health Institution: X <i>UTH</i> <i>MDACC</i> Email Address: Eric.Boerwinkle@uth.tmc.edu Contact Number: 713-500-9050</p> <p>Course Co-Director/s: (if any) Name and Degree: Jan Bressler, PhD Title: Assistant Professor Department: Dept. Epidemiology, Human Genetics and Environmental Sciences, UTHealth School of Public Health Institution: X <i>UTH</i> <i>MDACC</i></p>	<p>Instructor/s (Use additional page as needed)</p> <ol style="list-style-type: none"> 1. See attached Name and Degree Institution: Email Address : 2. Name and Degree Institution: Email Address : 3. Name and Degree Institution: Email Address 4.
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<p>Email Address: Jan.Bressler@uth.tmc.edu</p> <p>Contact Number: 713-500-9919</p> <p>NOTE: Office hours are available by request. Please email Dr. Bressler to arrange a time to meet.</p> <p>Teaching Assistant: (if any)</p> <p style="padding-left: 40px;">Name and Email Address</p> <p style="padding-left: 40px;">Name and Email Address</p>	<p>Name and Degree</p> <p>Institution:</p> <p>Email Address</p> <p>5.</p> <p>Name and Degree</p> <p>Institution:</p> <p>Email Address</p>
<p>Course description:</p> <p>The class is a series of seminars on a variety of topics in genetics presented by faculty from the School of Public Health and other institutions in the Texas Medical Center, as well as a number of visiting speakers.</p>	
<p>Textbook/Supplemental Reading Materials (if any)</p> <ul style="list-style-type: none"> • None 	
<p><u>Course Objective/s:</u></p> <p>Upon successful completion of this course, students will have been exposed to discussions on a variety of topics of current interest in genetics and population biology.</p> <p><i>Specific Learning Objectives:</i></p> <ol style="list-style-type: none"> 1. Develop an understanding of new methods and advances in genetic research 2. Develop an understanding of new methods and advances in population biology 3. Demonstrate the ability to critique, evaluate and critically discuss presentations on genetics and population biology-related topics 	
<p>Student responsibilities and expectations:</p> <p>Students are required to attend each weekly seminar or journal club. If the class is conducted in a journal club format, students are required to read and discuss the selected journal article(s). General topics may include but are not limited to genome-wide association studies, DNA sequence analysis, molecular genetics, evolutionary genetics, cardiovascular disease and other common diseases, bioinformatics, population genetics, and animal models of disease; specific topics to be presented will be determined by the individual interest of the faculty invited to present at the seminar.</p> <p>There are no technology requirements for the course.</p> <p>There are no quizzes, mid-term or final examinations.</p>	

Grading System: Letter Grade (A-F) X Pass/Fail	
Student Assessment and Grading Criteria : (May include the following:)	
Homework (0 %)	Description
Quiz (0 %)	Description
Presentation (0 %)	Description
Midterm Exams (0 %)	Description
Final Exam (0 %)	Description
Workshop or Breakout-Session (0 %)	Description
Participation and/or Attendance (100 %)	Description Students must attend at least 70% of classes to receive a passing grade, and participate in classes conducted in a journal club format.

CLASS SCHEDULE

Day/Date	Duration (Hr)	Lecture Topic	Lecturer/s
Aug 29	4:00-4:50 pm	Organizational meeting – Registered students only	Jan Bressler, PhD, UTHealth, SPH
Sept 5	No class	Labor Day Holiday– No class	
Sept 12	4:00-4:50 pm	To be provided	
Sept 19	4:00-4:50 pm	To be provided	
Sept 26	4:00-4:50 pm	To be provided	
Oct 3	4:00-4:50 pm	To be provided	
Oct 10	4:00-4:50 pm	To be provided	
Oct 17	4:00-4:50 pm	To be provided	
Oct 24	4:00-4:50 pm	To be provided	
Oct 31	4:00-4:50 pm	To be provided	
Nov 7	4:00-4:50 pm	To be provided	
Nov 14	4:00-4:50 pm	To be provided	

Nov 21	4:00-4:50 pm	To be provided	
Nov 28	4:00-4:50 pm	To be provided	
Dec 5	4:00-4:50 pm	To be provided	
Dec 12	No class	There is no final exam	No class

NOTE: GS11 1711 is cross-listed with UTHealth SPH course PH2960