

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 Fall 2021</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 Bldg, Room W-02</p> <p>WebEx/Zoom Link: To be arranged</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 30, 2021</p> <p>Classes End: December 10, 2021</p> <p>Final Exam Week: December 13-17, 2021</p>								
<p>Class Meeting Schedule</p>									
<table border="1"> <thead> <tr> <th data-bbox="81 1001 794 1045">Day</th> <th data-bbox="797 1001 1484 1045">Time</th> </tr> </thead> <tbody> <tr> <td data-bbox="81 1045 794 1089">Monday</td> <td data-bbox="797 1045 1484 1089">4:00 – 4:50 pm</td> </tr> <tr> <td data-bbox="81 1089 794 1134"> </td> <td data-bbox="797 1089 1484 1134"> </td> </tr> <tr> <td data-bbox="81 1134 794 1165"> </td> <td data-bbox="797 1134 1484 1165"> </td> </tr> </tbody> </table>		Day	Time	Monday	4:00 – 4:50 pm				
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<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</p>	<p>Instructor/s (Use additional page as needed)</p> <p>1. Name and Degree Institution: Email Address :</p> <p>2. Name and Degree Institution: Email Address :</p> <p>3. Name and Degree Institution: Email Address</p>								

<p>Public Health</p> <p>Institution: X UTH MDACC</p> <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 me 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>4.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address</p> <p>Cont. Instructor/s</p> <p>5.</p> <p style="padding-left: 20px;">Name and Degree</p> <p style="padding-left: 20px;">Institution:</p> <p style="padding-left: 20px;">Email Address</p>
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Course description:
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.

Textbook/Supplemental Reading Materials (if any)

- None

Course Objective/s:
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.

Specific Learning Objectives:

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

Student responsibilities and expectations:
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.

There are no technology requirements for the course except for access to WebEx videoconferencing via a desktop or laptop computer if this option is elected by the student.

There are no quizzes, mid-term or final examinations.

Grading System: Letter Grade (A-F) <input checked="" type="checkbox"/> 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 journal club format.

CLASS SCHEDULE

Day/Date	Duration (Hr)	Lecture Topic	Lecturer/s
Aug 30	4:00-4:50 pm	Speaker has not been scheduled	
Sept 6	No class	Labor Day holiday	
Sept 13	4:00-4:50 pm	Speaker has not been scheduled	
Sept 20	4:00-4:50 pm	Speaker has not been scheduled	
Sept 27	4:00-4:50 pm	Speaker has not been scheduled	
Oct 4	4:00-4:50 pm	Speaker has not been scheduled	

Oct 11	4:00-4:50 pm	Speaker has not been scheduled	
Oct 18	4:00-4:50 pm	Speaker has not been scheduled	
Oct 25	4:00-4:50 pm	Speaker has not been scheduled	
Nov 1	4:00-4:50 pm	Speaker has not been scheduled	
Nov 8	4:00-4:50 pm	Speaker has not been scheduled	
Nov 15	4:00-4:50 pm	Speaker has not been scheduled	
Nov 22	4:00-4:50 pm	Speaker has not been scheduled	
Nov 28	4:00-4:50 pm	Speaker has not been scheduled	
Dec 6	4:00-4:50 pm	Speaker has not been scheduled	

NOTE: GS11 1711 is cross listed with UTHHealth SPH course PH2960

jal/04.21