A. COURSE INFORMATION

Course number/section: BIMS 4170
Class meeting time: T: 7:00 pm – 7:50pm
Class location: OCNR 133
Course Websites: bb9.tamucc.ed

B. INSTRUCTOR INFORMATION

Instructor: Xavier F. Gonzales, PhD, MSPH
Office location: Engineering 310C
Office hours: MW: 12:30pm-1:45pm; T: 4:00pm-6:30pm
Telephone: 361-825-3824
e-mail: Xavier.Gonzales@tamucc.edu
Email me at any time but my responses will be limited after 5pm weekdays and all weekend.
Appointments: email me to set up appointments

C. COURSE DESCRIPTION

Catalog Course Description
The overall objective of this course is to introduce the student to careers and current topics of research in the biomedical sciences. This course brings students and biomedical professionals together in a seminar format. Students will also learn other issues related to the research and gain an appreciation of the process of science.

Extended Course Description
Both graduate school and professional schools require that students to take exams that consist of analytical reasoning. This course will provide students with opportunities to read and critique literature. Further, review of research provide students with a unique prospective on the latest research trends that impact health professionals.

D. PREREQUISITES/COREQUISITES
None

E. REQUIRED TEXTBOOK(S), READINGS AND SUPPLIES
Journals will be provided

F. STUDENT LEARNING OUTCOMES AND ASSESSMENT
Assessment is a process used by instructors to help improve learning. Assessment is essential for effective learning because it provides feedback to both students and instructors. A critical step in this process is making clear the course’s student learning outcomes that describe what students are expected to learn to be successful in the course. The student
learning outcomes for this course are listed below. By collecting data and sharing it with students on how well they are accomplishing these learning outcomes students can more efficiently and effectively focus their learning efforts. This information can also help instructors identify challenging areas for students and adjust their teaching approach to facilitate learning.

By the end of this course, students should be able to:
1. Critically assess primary research associated to health topics
2. Develop reading skills that will assist in professional school assessment exams
3. Develop communication skills that reflect upon health-related topics

G. INSTRUCTIONAL METHODS AND ACTIVITIES
Learner-Centered Teaching: Collaborative work, control of content selection, personal reflection, learning skill demonstration

H. MAJOR COURSE REQUIREMENTS AND GRADING

<table>
<thead>
<tr>
<th>ACTIVITY</th>
<th>% of FINAL GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation</td>
<td>40%</td>
</tr>
<tr>
<td>Attendance</td>
<td>20%</td>
</tr>
<tr>
<td>Summary</td>
<td>40%</td>
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</tbody>
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Grading scale: A>90%  B=80-89.9%  C=70-79.9%  D=60-69%  F<60%

Nature of Assignments:
To be successful in this course you will be required to be proactive about reading the assigned book. We do not meet in class every week.

Class Participation: Attendance and class participation are mandatory. Participation will be evaluated on the following four criteria

- Asking questions regarding the literature
- Answering questions regarding the literature
- Making comments regarding the literature

Attendance: We do not meet in class every week. Therefore, it is imperative that you do not miss on the days that we will be meeting to discuss the books that have been assigned. course consist of meetings held each month. See schedule to determine in-class meeting dates.

Summary of Journals: At the end of the semester, students will be responsible for turning in a 1 page summary (single spaced; 12 font; Times New Roman, 1in margins) that summarizes all
research topics covered over the summer.

Summaries will be submitted through Turnitin (Blackboard).

I. COURSE CONTENT/SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>08/28</td>
<td>Course Introduction and Assignment of Journal</td>
</tr>
<tr>
<td>09/04</td>
<td>Read Journal 1 Introduction: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>09/11</td>
<td>Read Journal 1 Results: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>09/18</td>
<td>Review Understanding of Journal 1 in Class</td>
</tr>
<tr>
<td>09/25</td>
<td>Question and Answer with Journal Author</td>
</tr>
<tr>
<td>10/02</td>
<td>Read Journal 2 Introduction: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>10/09</td>
<td>Read Journal 2 Results: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>10/16</td>
<td>Review Understanding of Journal 2 in Class</td>
</tr>
<tr>
<td>10/23</td>
<td>Question and Answer with Journal Author</td>
</tr>
<tr>
<td>10/30</td>
<td>Read Journal 3 Introduction: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>11/06</td>
<td>Read Journal 3 Results: Answer questions on Blackboard Discussion</td>
</tr>
<tr>
<td>11/13</td>
<td>Review Understanding of Journal 3 in Class</td>
</tr>
<tr>
<td>11/20</td>
<td>Question and Answer with Journal Author</td>
</tr>
<tr>
<td>11/27</td>
<td>Special Transmission</td>
</tr>
<tr>
<td>12/04</td>
<td>Special Transmission</td>
</tr>
<tr>
<td>12/11</td>
<td>Final: In-Class Reflections on all Journals read throughout Semester</td>
</tr>
</tbody>
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Note: Changes in this course schedule may be necessary and will be announced to the class by
the Instructor. The assignments and exams shown are directly related to the Student Learning Outcomes described in Section F.

J. COURSE POLICIES

Attendance/Tardiness
Attendance: Students are expected to attend every scheduled class meeting. It is the responsibility of the student to obtain any material missed during an absence from his/her classmates. Power Points are not placed in the library, and only Power Points from certain sections will be placed on Blackboard, or on a website. Tardiness: Students may enter when late but be respectful of your peers and do not disrupt the class as you enter.

Late Work
No late work will be accepted. You must refer to Blackboard to identify when items will be due. It is your responsibility to get it turned in through the appropriate outlet on the designated day. I will not remind you.

Extra Credit
Missed extra credit opportunities—Instructor is not obligated to give make-up assignments for extra credit opportunities, whether excused or unexcused.

Cell Phone Use
Lecture: Students may NOT utilize their cell phone; therefore keep them on silent and put away.

Laptop Use
Lecture: Students may utilize their laptops as long as it does not disrupt others in class.

Food in Class
Lecture: Students may eat food as long as it does not disrupt others in class. It is the student’s responsibility to clean up after themselves. If you fail to do so, you will no longer be allowed to have food in class.

Missed Exam
No exams in this course.

Participation
Lecture: Students are required to participate in all group activities. Peer evaluations will be given with each activity to determine your final assessment.

K. COLLEGE AND UNIVERSITY POLICIES

• Academic Integrity (University)
  University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or
examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in a failing grade.

- **Classroom/Professional Behavior**
  Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

- **Statement of Civility**
  Texas A&M University-Corpus Christi has a diverse student population that represents the population of the state. Our goal is to provide you with a high quality educational experience that is free from repression. You are responsible for following the rules of the University, city, state and federal government. We expect that you will behave in a manner that is dignified, respectful and courteous to all people, regardless of sex, ethnic/racial origin, religious background, sexual orientation or disability. Behaviors that infringe on the rights of another individual will not be tolerated.

- **Deadline for Dropping a Course with a Grade of W (University)**
  I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. **Please consult with your academic advisor, the Financial Aid Office, and me, before you decide to drop this course.** Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically result in your being dropped from the class. Please consult the Academic Calendar ([http://www.tamucc.edu/academics/calendar/](http://www.tamucc.edu/academics/calendar/)) for the last day to drop a course.

- **Grade Appeals (College of Science and Engineering)**
  As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure
13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and Engineering Grade Appeals webpage at http://sci.tamucc.edu/students/GradeAppeal.html. For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

- **Disability Services**
  The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call (361) 825-5816 or visit Disability Services in Corpus Christi Hall 116.

  If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

  [http://disabilityservices.tamucc.edu/](http://disabilityservices.tamucc.edu/)

- **Statement of Academic Continuity**
  In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

L. **OTHER INFORMATION**

- **Academic Advising**
  The College of Science & Engineering requires that students meet with an Academic Advisor as soon as they are ready to declare a major. The Academic Advisor will set up a degree plan, which must be signed by the student, a faculty mentor, and the department chair. Meetings are by appointment only; advisors do not take walk-ins. Please call or stop by the Advising Center to check availability and schedule an appointment. The College’s Academic Advising Center is located in Center for Instruction 350 or can be reached at (361) 825-3928.

GENERAL DISCLAIMER
I reserve the right to modify the information, schedule, assignments, deadlines, and course policies in this syllabus if and when necessary. I will announce such changes in a timely manner during regularly scheduled lecture periods.