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.

Textbook: None

Meeting Times: Biomedical Seminar does not have a standard schedule. See agenda for class meeting days and times.

Student Outcomes:
The student will be introduced to current "hot topic" research in an effort to:

◊ Broaden his or her intellectual horizons
◊ Explore careers in science
◊ Stimulate his or her critical thinking skills
◊ Provide possible research areas for future pursuit
◊ Illustrate how science really works

The student will have an opportunity to meet and interact with professionals to:

◊ Foster networking skills
◊ Encourage the establishment of dialogues with practicing scientists
◊ Improve his or her professional skills

Grading Criteria:
Your grade is based on two factors

◊ Attending the seminar
◊ Asking one intelligent question during each seminar. Before you leave class each day, give me a signed copy of the question that you asked.

In lieu of one intelligent question, you may write an intelligent one-page synopsis of that day’s seminar. This synopsis is to be turned in before leaving the seminar that day.

Asking questions is expected when you attend a seminar. You might ask for clarification of something the speaker said or ask something about the topic that occurred to you during the seminar.

Beginning September 1, each 90-minute class meeting is worth 13 points towards your final course grade, three points for attendance and 10 points for asking an intelligent question or submitting the synopsis. The Symposium on October 22 is worth 20 points for attendance from 9 am to noon.

If you attend all seminars, ask one intelligent question at each seminar (or submit a synopsis) and attend the Symposium, you will earn 111 points.
Grading Scale:
90-100 = A
80-89 = B
70-79 = C
60-69 = D
0-59 = F

Point Distribution:

<table>
<thead>
<tr>
<th>Date</th>
<th>Attendance</th>
<th>Question/Synopsis</th>
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</thead>
<tbody>
<tr>
<td>9/1: Birnbaum</td>
<td>3</td>
<td>10</td>
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<tr>
<td>9/22: Thomas</td>
<td>3</td>
<td>10</td>
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<tr>
<td>10/13: Fisher-Hoch</td>
<td>3</td>
<td>10</td>
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<tr>
<td>10/20: Jeffers</td>
<td>3</td>
<td>10</td>
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<tr>
<td>10/22: Symposium</td>
<td>20</td>
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<td>11/3: Vishwanatha</td>
<td>3</td>
<td>10</td>
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<tr>
<td>11/17: Roberts</td>
<td>3</td>
<td>10</td>
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<td>12/1: Wrap-up</td>
<td>3</td>
<td>10</td>
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<tr>
<td>TOTAL</td>
<td>41</td>
<td>70</td>
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Seminar Etiquette (with apologies to those students who already know courtesy):
◊ You are representing all of us at A&M-CC. Be polite and courteous.
◊ Come on time; do not leave early. If there is an unusual occasion that make you come late or leave early, apologize and be as quiet as possible during your entrance or exit.
◊ Turn off your cell phone, pager, whatever.
◊ Stay awake. Do not put your head down or sleep during the seminar.
◊ Some speakers like you to hold your questions until the end of the seminar, but others don’t mind being asked during the seminar. The speaker will generally let you know his/her preference at the beginning.
◊ Do not hog the floor with repeated questions. The speaker will gladly address your interest when others have left.
◊ It is extremely rude to talk to your friend during the presentation. It also reflects badly on all of us. Do not do it!
◊ Do feel free to come up after the seminar and introduce yourself and get some one-on-one time with the speaker.
◊ There are no stupid questions.

Standards:
The student is expected to attend every class, to be courteous and to ask pertinent questions.
Academic integrity is expected. All students are expected to conform to college level standards of ethics, academic integrity, grammar and spelling. Review the appropriate pages of the 2004-2005 TAMU-CC catalog.

If you need disability accommodations in this class, please visit the TAMU-CC Services for Students with Disabilities Office. If you suspect that you may have a disability (physical impairment, learning disability, psychiatric disability, etc.), please contact the Services for Students with Disabilities Office (located in Driftwood 101) at 825-5816. It is important that you contact them in a timely fashion as it may take several days to review requests and prepare accommodations

All students are expected to subscribe to the course listserv. To subscribe to the course listserv, send an email message that contains your email address in the "From" heading to:
biomed-list-request@sci.tamucc.edu
In the subject heading, type
subscribe
In a few seconds, you will receive a message from the listserv if you subscribed successfully.
**AGENDA:** THIS SCHEDULE MAY CHANGE DEPENDING ON UNFORESEEN EVENTS
CHECK YOUR EMAIL MESSAGES PRIOR TO COMING TO CLASS BECAUSE SPEAKERS MAY HAVE TRAVEL DELAYS. I WILL SEND A MESSAGE TO THE LISTSERV IF A SPEAKER CANNOT GET TO CORPUS CHRISTI

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>August</td>
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<tr>
<td>25</td>
<td>Course Introduction</td>
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<tr>
<td>September</td>
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| 1          | Rev. Michael Birnbaum, Executive Director and Founder of International Service Learning, and Laurie Harrington  
**Issues in International Medicine** |
| 8          | No Class                                                                          |
| 15         | No Class                                                                          |
| 22         | Rebekah Thomas, Ph.D. Associate Professor of Biomedical Sciences, TAMUCC  
**Physiological Stress in Vertebrates** |
| 29         | No Class                                                                          |
| October    |                                                                                   |
| 6          | No Class                                                                          |
| 13         | Susan Fisher-Hoch, Ph.D.  Professor of Biological Sciences, Division of Epidemiology  
University of Texas School of Public Health at Brownsville  
**From Ebola to Diabetes: Lessons from Research in Infectious Disease** |
| 20         | Christopher Jeffers, Ph.D., J.D. Vice President, Intellectual Property, and General Counsel of Alba Therapeutics Corporation  
**Developing new drugs** |
| 22         | Fifth Annual Undergraduate Research Symposium  
University Center Ballroom 9 am – 5 pm  
You must attend 9 am to noon as a requirement for this course; if you want to stay for lunch and posters, you will need to register for the Symposium and pay the registration fee. |
| 27         | No Class                                                                          |
| November   |                                                                                   |
| 2          | Jamboor K. Vishwanatha, Ph.D. Associate Dean, Graduate School of Biomedical Sciences,  
Professor of Microbiology and Immunology, University of North Texas Health Science Center  
**Apoptosis resistance and androgen-independent growth of prostate cancer** |
| 10         | No Class                                                                          |
| 17         | Kevin Roberts, B.S., ISSA  
Martial Arts Director and Personal trainer Platypus, Inc.  
**Sports Science** |
| 24         | Thanksgiving: No class                                                            |
| December   |                                                                                   |
| 1          | Course Wrap-up                                                                    |

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