BIOL3V15 - Research Practicum  

Syllabus

Course Description
This Research Practicum at UT Southwestern Medical Center (UTSW), through the Department of Emergency Medicine, allows qualified UTD students to participate in clinical research projects conducted within the Emergency Department (ED) at Parkland Hospital and William P. Clements, Jr, University Hospital. Prior to placement in clinical settings, students are fully credentialed to conduct research at the two hospitals and at UTSW. This program allows students to interact with physicians, residents and medical students as well as patients in the ED. Students should plan on signing up for at least 1 year (2 semesters) to fully complete the program. UTD offers 3 credits, per semester, for this course which may be repeated for credit up to eight semesters. UTSW consent required. After multiple semesters, students are eligible for one of the following student leadership roles: Chief Research Associate (RA), Vice Chief RA, Head Trainer, and Trainer.

Eligibility
- Upperclassman preferred
- Must have an interest in pursuing a career in medicine
- Students must have good time management skills in order to participate in this program, and be successful in their other studies. Credentialing is a time consuming process.

Method of Instruction
- In person training sessions
  - Big group with instructor
  - Small group with student leaders
- Web-based training modules

Course Objectives
After being accepted into the program, you will become credentialed at UTSW Medical Center, Clements University Hospital, and research credentialed for Parkland Health and Hospital System. Then your objectives for the semester will be:
- Complete one 4-hour shift per week
  - Attend 2 pod shifts per month in light blue scrubs
  - Attend 2 lobby shifts per month in business casual attire

Timeline and Expectations
1. Students are expected to be fully research credentialed prior to the first shift.
2. Students are expected to complete at least 4 pod shifts by the end of the semester.
3. Students are expected to complete at least 4 lobby shifts by the end of the semester.
Required Expenses
- 1 pair of light blue scrubs (any shade-any brand) Approximately: $20.00
- Drug Test - Approximately: $50.00
  o Suggestion: Any Test Now https://www.anylabtestnow.com/tests/10-panel-
  urine-drug-test/
- Other immunizations or titer tests if needed
You will not be allowed to enter the Emergency Department if all your immunizations are not current. Flu shots are only current for 1 flu season (AUG-MAR) and TB is current 1 year from the date given. No exceptions.

Grading Plan
Midterm grade will be based on:
1. Timely completion and return of all requested material
2. Your progress through the credentialing and training process

Final grade will be based on:
1. Number of completed shifts
2. Performance throughout the semester

<table>
<thead>
<tr>
<th>Week</th>
<th>Requirement</th>
<th>Percent of Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>2</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>3</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>4</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>7</td>
<td>One 4-hour shift</td>
<td>10</td>
</tr>
<tr>
<td>8</td>
<td>One 4-hour shift</td>
<td>10</td>
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<tr>
<td></td>
<td>TOTAL</td>
<td>80%</td>
</tr>
</tbody>
</table>

The remaining 20% of your grade can be earned by:
- Responding to deadlines on time (unless otherwise pre-approved or excused)
- Being proactive in getting tasks done
- Correctly sending information on time

The remaining 20% can be docked by:
- Being sent home from the ED for any reason unbecoming a student of UT Dallas
- Sending in required emails late
- Missing deadlines without proper reason or approval
- Not completing tasks
- Any negative feedback from staff or faculty
Failure to become fully research credentialed by the required deadline will result in failure of the course and/or withdrawal from the program.

Course Component Specifics
Student must complete at least one 4-hour shift per week concluding in 2 pod shifts per month and 2 lobby shifts per month. Only 2 students are allowed per pod shift and 4 students per Lobby Shift.

<table>
<thead>
<tr>
<th>Pod Shifts</th>
<th>Lobby Shifts</th>
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<tbody>
<tr>
<td>12am-4am</td>
<td>9am-1pm</td>
</tr>
<tr>
<td>4am-8am</td>
<td>1pm-5pm</td>
</tr>
<tr>
<td>8am-12pm</td>
<td>5pm-9pm</td>
</tr>
<tr>
<td>12pm-4pm</td>
<td>9pm-1am</td>
</tr>
<tr>
<td>4pm-8pm</td>
<td></td>
</tr>
<tr>
<td>8pm-12am</td>
<td></td>
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</tbody>
</table>

Pod shifts consist of:
1. Interacting with clinical staff
2. Identifying potentially eligible patients to enroll in studies and paging research team
3. Recruiting, consenting, and enrolling in the studies you were trained on
4. Interacting with patients

Lobby shifts consist of:
1. Interacting with the patients in the lobby
2. Interacting with triage nurse as needed

Application
The following must be returned WITH your initial application to the program by the date specified by the Program Coordinator for admission. No exceptions. Incomplete applications will not be accepted.

1. Application (provided on TEMRAP web page www.utdallas.edu/pre-health/temrap)
2. 1 page essay on why you want to be in the program (500 word max)
3. Recommendation submitted online (link provided on TEMRAP web page www.utdallas.edu/pre-health/temrap)
4. Unofficial UTD transcript
5. Immunization record
   - Hepatitis B-must have 3 shot series
   - Varicella Titer (even if you had Chicken Pox, you need to send a Varicella Titer if you never had the vaccines)
   - Measles, mumps, rubella
   - Tetanus, pertussis and diphtheria
6. Attestation page (provided on TEMRAP web page www.utdallas.edu/pre-health/temrap)

**Supplement Materials and Requirements**
1. Attend mandatory orientation – Date will be included in acceptance email
2. Substance abuse panel 10 drug screen – Due date will be included in acceptance email
3. Criminal background check (UTSW will process)
4. Mantoux TB skin test or IGRA (T-spot or Quantiferon) Must be current for your semester
5. Flu Shot-Must be current for the Flu Season- (AUG-MAR)

**Deadlines**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Application Window</th>
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<tr>
<td>Spring</td>
<td>8/15-10/15</td>
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<tr>
<td>Fall</td>
<td>2/15-4/15</td>
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</table>

Send Application and supplemental materials to the TEMRAP Coordinator at Khushbakht.Bakhshi@utsouthwestern.edu and include this in the subject line TEMRAP (your first and last name).

Total number of students accepted to program per semester is: 100

**Returning students are given priority for enrollment.**

**IMPORTANT:** Falsification of any documents, research results, discussion logs, or any information you provide as a participant in TEMRAP can result in course failure and/or removal from the program at any time.