Global Health: Directed Studies

Overview

The objective of this course is to provide the students with bilingual (Spanish/English) shadowing and/or research experience at the University Pompeu Fabra in Barcelona, Spain, as part of the Global Health: Spanish for the Medical Professions.

Requirements

Students need to be registered in the study abroad Program: Barcelona-Global Health. The pre-requisites for this program are:

- GPA 3.0
- Spanish 101, 102, 201 and 202 (preferred)
- Register for Summer 1 at Universitat Pompeu Fabra through the office of study abroad programs for the courses:
  - Spanish for the medical professions (Español para las Profesiones Médicas: 3 credits, 45hr)
  - Health System and Public Health: an International Perspective (3 credit, 45hr)
  - Pre-placement screening by UPF

Goals

The goal of this course is for the students to practice medical Spanish in a Spanish speaking country. To this end, students will spend 10 weeks in Spain during the summer months May 26th through August 1st 2014. The Internship will start June 30th and end August 1st. Three types of internship experience will be offered by UPF. Students are expected to choose one:

- Shadowing a physician in Primary care center in Barcelona
- Shadowing a veterinarian in a Vet clinic in Barcelona
- Research experience in Biomedical sciences at the UPF School of Medicine and Public Health

Students Expectations

It is my most desirable wish to have all the students succeed in my class and obtain a transformable experience. To this end, students will be required to spend 27 hr/week and not more than 40 hr/week for 5-weeks in their internship. This will provide a
required 135hrs (3 credits) and a maximum of 200hr of shadowing during the 5-week program. Students will follow the requirements by UPF for the shadowing activities:

- White lab coat for those at the Hospital and Research laboratory
- Use covered toe shoes at all times while in activities in the Hospital (human or veterinary) and the research laboratory
- Follow specific training by designated supervisor

In addition to the shadowing activities, students will:

- Meet Dr. Esteve-Gassent via Google hangouts (see link bellow): Every Monday at 5pm (Spain time) at UPF (room TBA)
- Keep a Journal in Spanish where students will record the experiences of the day. It is expected to record anything that will have an impact in the way medicine or veterinary medicine is practice, research environment, new concepts, new Spanish words or expression, etc.
- Shadow for a minimum of 135hr during summer 2

Links:

Google Hangouts (Google+): http://www.google.com/+learnmore/hangouts/

Learning outcomes

At the completion of this course the student will be able to;

1. Describe in writing daily activities in the laboratory/hospital in Spanish.
2. Enumerate differences in the medical (human/veterinary) or research practice between the US and Spain
3. Explain medical/research terminology in both English and Spanish
4. Discuss the relevance of a second language in the medical professions
5. Assess the impact that this international experience during undergraduate education had on their future careers.
6. Analyze the connections between the Spanish and American culture, incorporating respectful interactions with the other culture.

Evaluation

The final grade of this class will be based on:

<table>
<thead>
<tr>
<th>Activity</th>
<th>Points/assignment</th>
<th>Assignments</th>
<th>Total Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Attendance</td>
<td>10pts/day</td>
<td>25 days</td>
<td>250</td>
</tr>
<tr>
<td>Weekly meetings</td>
<td>10pts/meeting</td>
<td>5 meetings</td>
<td>50</td>
</tr>
<tr>
<td>Maintenance of student Journal</td>
<td>250 pts</td>
<td>1 journal</td>
<td>250</td>
</tr>
<tr>
<td>Short assay</td>
<td>50 pts</td>
<td>1 assay</td>
<td>50</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td><strong>600pts</strong></td>
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</table>

Attendance to the shadowing and maintenance of the Journal are the activities highly rewarded during this international experience. Most of your grade will be based on whether these are kept. The resulting grading scale will be:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Percent (%)</th>
<th>Score Range (points)</th>
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<tbody>
<tr>
<td>A</td>
<td>95-100%</td>
<td>510-600</td>
</tr>
<tr>
<td>B</td>
<td>75-85%</td>
<td>450-509</td>
</tr>
<tr>
<td>C</td>
<td>65-75%</td>
<td>390-449</td>
</tr>
<tr>
<td>D</td>
<td>50-65%</td>
<td>300-389</td>
</tr>
<tr>
<td>F</td>
<td>49%</td>
<td>0-299</td>
</tr>
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</table>
Schedule

In Clinic Vet shadowing:
The students shadowing veterinarians in clinic will follow day, night and weekend shifts.

- Day shifts: 6-8hr
- Night shifts: 12hr
- Weekend shifts: 8-12hr

In Clinic schedule (preliminary schedule):

<table>
<thead>
<tr>
<th>Semana</th>
<th>Lunes</th>
<th>Martes</th>
<th>Miércoles</th>
<th>Jueves</th>
<th>Viernes</th>
<th>Sábado</th>
<th>Domingo</th>
<th>Hr</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Dia (6hr)</td>
<td>Dia (8hr)</td>
<td>Dia (6hr)</td>
<td>Dia (8hr)</td>
<td>Dia 6hr</td>
<td>Libre</td>
<td>Libre</td>
<td>34</td>
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<tr>
<td>2</td>
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<td>Noche (12hr)</td>
<td>Libre</td>
<td>Dia (8hr)</td>
<td>Dia (6hr)</td>
<td>Libre</td>
<td>Dia (8hr)</td>
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<tr>
<td>3</td>
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<td>Dia (8hr)</td>
<td>Dia (6hr)</td>
<td>Dia (8hr)</td>
<td>Libre</td>
<td>Dia (12hr)</td>
<td>Libre</td>
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<tr>
<td>4</td>
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<td>Dia (8hr)</td>
<td>Dia (6hr)</td>
<td>Dia (8hr)</td>
<td>Noche (12hr)</td>
<td>Libre</td>
<td>Libre</td>
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<tr>
<td>5</td>
<td>Dia (8hr)</td>
<td>Dia (8hr)</td>
<td>Dia (6hr)</td>
<td>Dia (8hr)</td>
<td>Dia (8hr)</td>
<td>Back to US</td>
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<td>38</td>
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<td></td>
<td></td>
<td></td>
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<td>Max.192hr</td>
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Vet school/Zoo internship

The students shadowing veterinarians in the anatomic pathology laboratory clinic will follow a working day schedule Monday through Friday 9am-5pm. The students will spend half the internship in the School of Veterinary Medicine and the other half in the Zoo assisting during necropsies.

Hospital shadowing.

For those shadowing a physician in the hospital, your shadow experiences will be from 6hr a day. The schedule will be Monday through Friday 9am to 3pm (150hr total)

Laboratory internship.

For those conducting research hours, you will be asked to participate in research activities in the assigned laboratory for 8hr a day. The schedule will be Monday through Friday 9am-5pm (200hr total).