Course Number
NURS5220

Course Name
Field Experience Seminar: Healthcare Mission Honduras

Course Credit and Contact Hours:
3 Credit Hours
15 contact hours theory and research
60 contact hours preparation and direct care

Faculty
Susan Batten RN PhD
Health Science Campus Collier 4326
419-383-5861
susan.batten@utoledo.edu
Office hours: by appointment

Faculty expertise
Professional experience in inpatient surgery and perinatal-neonatal care, as well as migrant and underserved population clinics in remote settings. Indirect care experience includes specialty unit and hospital administration, along with educational and organizational leadership. Has participated in healthcare mission trips to Guatemala, Haiti and Honduras.

Semester Offered
Spring 2016

Prerequisites:
CNL students: completion of NURS5540, NURS591, NURS6070.
FNP students: completion of NURS5690, NURS5910, NURS6210. Enrolled or completed NURS6220. Enrollment by permission of course faculty. Course faculty reserves the right to require specific prerequisites per the course content.

Course (Catalog) Description:
Program capstone experience that integrates nursing theory, research, and practice to fulfill the requirement of Master’s of Nursing Program.

Course Objectives:
1. Synthesize theory and research based knowledge related to delivery of primary care
2. Utilize effective interprofessional healthcare team integration and communication during mission trip

Content Outline:
1. Integration of evidence based practice into patient care for nontraditional setting outside the US
2. Common health concerns and tropical diseases in host county
3. Fostering application of wellness strategies by remote village health promoters
4. Evaluating patient outcomes and student learning experience

Teaching/Learning Strategies:
Supervised patient services
Interprofessional healthcare team collaboration and problem solving
Hands on preparation of medications and other supplies
Literature review on assigned topics
Discussion and critique
**Evaluation Strategies**

1. Contribution to logistics (supply preparation, packing, transport) 10%
2. Self-critique of student competence in providing patient care 5%
3. Tropical medicine topic presentation on assigned topic 5%
4. Health promoter teaching on assigned topic and training during care delivery 5%
5. Contribution to ongoing research related to student funding 5%
6. Professional engagement with patients, families, team and faculty 70%

**Grading Policy:**

1. Successful completion of the course requires overall grade of “Satisfactory”
2. Students and faculty will establish a mutually agreeable date for completion of activities.
3. All students will equally participate in research and presentations.

**Grading Scale:**

Satisfactory/Unsatisfactory

**Required Reading:**
To be determined in consultation with faculty, peers and interprofessional partners

**Assessment of Student Outcomes**

1. Students have opportunity to discuss patient care and interprofessional healthcare team interactions with faculty during and after the mission trip.
2. Students with less than satisfactory performance are identified, provided written notice of performance and actions necessary to improve and pass the course. Referrals are made to SARP, CNL Program Director and Associate Dean of Academic Affairs.

**Professional conduct**

1. Student must be enrolled at The University of Toledo College of Nursing during Spring 2016.
2. Student must abide by professional nursing standards of practice (ANA, NSNA, OBN) and UT CON Graduate Student Handbook policies.

**Course Registration, Mission Application, and University Documentation Process**

Before registration in Banner

1. Meet with course faculty to discuss interest and confirm involvement
2. Sign the Graduate Research Advisory (GRAD) Committee Approval & Assurances Form and returns it to faculty (faculty will generate form after meeting)
3. Faculty submits completed Graduate Research Advisory (GRAD) Committee Approval & Assurances Form to the graduate advisor.
4. Graduate advisor creates a permit for course registration and notifies student that permit has been placed; then student registers via Banner.

Before semester starts:

1. Check CISP website in advance to determine scholarship application deadlines.
2. Complete CISP form; submit to CISP and provide a print copy to faculty the first week of semester.
3. Submit a resume and one page letter expressing why you want to participate in a medical mission trip. The Chief Medical Officer makes final team member selection based on the documents.
4. Submit a copy of post high school diplomas to faculty. The documents are provided to the team leader so host mission (and country if required) can validate professional preparation for practice.
5. Faculty will obtain and submit a copy of your active nursing licenses as part of the package.

Before mission travel:

1. Complete CISP online registration and tracking documentation prior to departure.
2. Complete Global Health documentation.
3. Purchase travel insurance (see team letter, CISP and Global Health websites).
4. Register travel online with US State Department.
5. Provide faculty with copy of emergency contact information
**Student Expenses**
The student is responsible for all personal travel expenses and documents required for the mission trip. Individual financial responsibility varies person-to-person, based on current immunization status, location of healthcare mission experience, transportation costs, and team housing and meal resources. Graduate students may apply for CISP scholarships; access [http://www.utoledo.edu/cisp/](http://www.utoledo.edu/cisp/) for details, application and deadlines. This is a projection; actual expenses may be higher for travel and accommodations.

<table>
<thead>
<tr>
<th>Expense Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Immunizations (Hepatitis A, typhoid)</td>
<td>$200</td>
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<tr>
<td>Prophylaxis (malaria, dysentery, scabies, lice)</td>
<td>$100</td>
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<tr>
<td>Roundtrip airfare (Detroit: San Pedro Sula)</td>
<td>$900</td>
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<tr>
<td>Local transportation, lodging, food</td>
<td>$300</td>
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<tr>
<td>Supplies (scopes, tips, hand sanitizer, etc)</td>
<td>$100</td>
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<tr>
<td>Passport</td>
<td>$130</td>
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<tr>
<td>Scrub attire (five days)</td>
<td>$200</td>
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<tr>
<td>Travel insurance that includes emergency medical transport</td>
<td>$50-100</td>
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**Required Immunizations and Medications**
Specific pharmacotherapies vary with region of world and current status of your immunizations. Access current CDC recommendations for region of travel and consult the US Department of State website for additional information. Rabies and yellow fever immunization may not be required for this country.

<table>
<thead>
<tr>
<th>immunization</th>
<th>description</th>
<th>dose</th>
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<tbody>
<tr>
<td>Positive Hepatitis B surface antibody</td>
<td>after 0d-1m-5m immunization series</td>
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<tr>
<td>Hepatitis A Vaccine</td>
<td>1ml adult dose (2 weeks before travel and booster at six months)</td>
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<tr>
<td>Oral Typhoid vaccine (Vivotif Berna)</td>
<td>(one package, as directed, p.o.) OR Typhim VI 0.5 ml adult dose (two weeks before travel)</td>
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<tr>
<td>Inactivated polio vaccine /IPV</td>
<td>0.5 ml IM (One adult dose)</td>
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<tr>
<td>Tetanus-diphtheria booster</td>
<td>0.5 ml IM adult dose</td>
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<tr>
<td>Rabies vaccine</td>
<td>0.1 ml intradermal (day 1,7, and 21 or 28) if high risk area or with animals</td>
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<tr>
<td>Meningococcal vaccine</td>
<td>0.5 ml SC. if required by host country</td>
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<tr>
<td>Yellow fever vaccine</td>
<td>MUST have International certificate and stamp if required by host country</td>
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<table>
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<tr>
<th>prophylaxis</th>
<th>description</th>
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<tr>
<td>chloroquine (Aralen)</td>
<td>500mg. (one PO, 1-2 weeks before trip, then same day for 4 weeks) OR atovoquine-proguanil (Malarone) (one PO, 1-2d before trip and daily during trip plus 7 days after) OR mefloquine (Larium) 250 mg. (one PO, start 2 weeks before trip, then same day 4 weeks) OR doxycycline 100 mg. (one PO daily, start 1-2 days prior to trip plus daily for 4 weeks after)</td>
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<tr>
<td>ciprofloxacin (Cipro)</td>
<td>500 mg, p.o., bid, (severe traveler’s diarrhea x 5-7 days)</td>
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<td>permethrin (Elimite)</td>
<td>5% (topical for scabies) AND</td>
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<td>piperonyl butoxide 4% (RID)</td>
<td>(shampoo for head lice) OR ivermectin (Stromectol) 200 mcg/kg (day of departure with a second dose 14 days later)</td>
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<tr>
<td>DEET</td>
<td>(spray pump for insect repellant; aerosol cans prohibited by airlines)</td>
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<td>Sunscreen</td>
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**Required Technologies**
Ophthalmoscope and Otoscope (may borrow from Hilldebrand Skills Center); stethoscope and penlight

**Safety Precautions**
1. Register with US Department of State at least two weeks prior to trip. [http://www.state.gov/travel/](http://www.state.gov/travel/)
2. File emergency contact information with CISP, CON and faculty member
3. Completion of all required immunizations prior to trip and personal supply of prophylaxis drugs
4. Other requirements as determined prior to trip
**Individual Attributes**
1. Students must demonstrate ability to walk significant distances, move containers weighing thirty to fifty pounds, stand for long periods of time, and tolerate weather extremes.
2. Skill in physical assessment and nursing interventions required.
3. Willingness to engage with patients and families of other cultures is expected.
4. Experience with other healthcare professionals is valued.

**Student Experiences**
1. Collecting needed supplies based on type of mission (primary care, surgical, health education, etc)
2. Assembling materials for transport (meet customs and safety standards; system for tracking loss)
3. Understanding importance of required immunizations and options to obtain vaccines
4. Developing and delivering a presentation to team on prevalent health needs in the service region
5. Transporting providers and materials to remote sites (logistics, financing costs, time management)
6. Setting up a clinic at remote sites (outside or in basic shelters, unsafe and limited water supply)
7. Managing patient surge and providing efficient service (interprofessional licensed with students)
8. Documenting care without sophisticated support systems (paper-pencil, very basic one page record)
9. Teaching patients and families how to use medications and do treatments (mediated by a translator)
10. Providing healthcare teaching on a focused topic to village health promoters
11. Recognizing the complexity of local health needs and illness associated with environment (that can and cannot be remediated)
12. Creating and maintaining support with all team members, regardless of status
13. Sharing expertise to increase knowledge and skills, and to enrich attitude about underserved populations and pathways of living

**Travel Arrangements**
1. Anticipated travel is February 28th thru March 6th. This is subject to change.
2. Team members carpool to Detroit Metro Airport. Individuals residing in Michigan usually go directly to the airport, then connect with the team to unload and move supply bags to the airlines service desk.
3. It is extremely important that all members be together for arrival in Honduras. There is only one bus for transport to the regional host location. Missing the bus means individual responsibility for cost of travel to the mission home base.
4. Airline tickets are purchased through Azteca Travel at aztecatol@yahoo.com. Maria Gonzalez (3831 Glendale Avenue. Toledo, OH 43614 Cell 419-215-4305) will need your birthdate, birth country, passport number and expiration date. Wait for the Chief Medical Officer notification before contacting Ms. Gonzalez.
5. Accommodations at the host site are shared rooms. Breakfast and dinner are eaten at the mission, peanut butter and cheese sandwiches are prepared and packed for lunch. If you have special dietary needs, bring what you need along with some snacks to eat while at the remote village sites.
6. The Chief Medical Officer team letter will provide details about attire and other general information.

**Emergency Procedure for Students**
1. If a student becomes ill during a mission trip, the onsite medical team will provide immediate care. If medical needs warrant further assessment and intervention, the student is transferred to the nearest healthcare facility with emergency services. If the medical condition warrants transport to the US, faculty help facilitate transfer services.
2. Faculty notifies the family and university in a timely manner without violating a student's HIPPA and FERPA rights. The student provides consent and contact information on the CISP form. A copy of the form is retained in the College of Nursing and is carried onsite by faculty.
3. The student is responsible for all medical expenses and is required to obtain travel insurance that includes medical evacuation coverage prior to departure.
**Student Support Services**
1. Center International Study Programs: CISP@utoledo.edu or 419-530-5268
2. Global Health Program: [http://www.utoledo.edu/cisp/globalhealth/GHindex.html](http://www.utoledo.edu/cisp/globalhealth/GHindex.html) or 419.530.2549
3. Student Health Services: [https://www.utoledo.edu/healthservices/hsc/](https://www.utoledo.edu/healthservices/hsc/) or 419-383-3777
4. Academic Enrichment Center: [https://www.utoledo.edu/med/depts/aec/](https://www.utoledo.edu/med/depts/aec/) or 419-383-6118
5. Counseling Center: [https://www.utoledo.edu/studentaffairs/counseling/](https://www.utoledo.edu/studentaffairs/counseling/) or 419.530.2426
6. CON Graduate Advisor: david.lymanstall@utoledo.edu or 419-383-5841
7. CON Student Services: [https://www.utoledo.edu/nursing/studentservices.html](https://www.utoledo.edu/nursing/studentservices.html) or 419-383-5810

**Policy Statement on Non-Discrimination on the Basis of Disability (ADA)**
The University is an equal opportunity educational institution. Please read *The University’s Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance.*

**Academic Accommodations**
1. The University of Toledo is committed to providing equal access to education for all students. If you have a documented disability or you believe you have a disability and would like information regarding academic accommodations/adjustments please contact the Student Disability Services Office at Rocket Hall 1820 or 419.530.4981 or studentdisabilitysvs@utoledo.edu.
2. If a student is registered with Student Disability Services, faculty receives notification regarding the academic accommodations. Please contact faculty as soon as possible to discuss accommodations and how we may be of assistance throughout the course. All discussions remain confidential and are intended to assist faculty with ensuring student accommodations are appropriately implemented throughout the course.

**General Notice**
Faculty reserve the right to change course requirements in exceptional circumstances with fair notice to all students.

V8-13-15