

Department of Biology, Wilfrid Laurier University
FIELD COURSE TEACHING SAFETY PLANNING RECORD

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| | | |
|------------------------|---|---------------------------------|
| DEPARTMENT: Biology | COURSE: BI394 (#23 OUPF) The changing north: subarctic ecosystems in the face of climate warming | INSTRUCTOR: Jennifer Baltzer |
|------------------------|---|---------------------------------|

LOCATION(S) OF FIELD RESEARCH:
 Country: Canada
 Geographical Site(s): Yellowknife area, NWT
 Nearest City: Yellowknife

Field Course: The changing north: subarctic ecosystems in the face of climate warming

DATE OF DEPARTURE: August 10 **DATE OF RETURN:** August 23

| FIELD COURSE CLASS: Chain of Responsible Leadership Team | CATEGORY (check all that apply) | | | |
|--|---------------------------------|-------------|-----------------|---------------------|
| | Team Leader | Team Member | Other (specify) | Trained First Aider |
| Baltzer, Jennifer | X | | | X |
| Stevens, Kevin | X | | | X |
| Paul, Jason | X | | | X |
| Black, Katherine | | X | | |
| Devai, Emma | | X | | |
| Flynn, Zack | | X | | |
| Koval, Samantha | | X | | |
| Leitrants, Cameron | | X | | |
| Liang, Tanner | | X | | |
| Lynch, Samanth | | X | | |
| Maccoll, Kevin | | X | | |
| Szot, Melissa | | X | | |
| Webb, Jenna | | X | | |
| Wisniowski, Jennifer | | X | | |
| Zazzara-Yu, Isolina | | X | | |

PHYSICAL DEMANDS:

| | | |
|---|-------------------------------------|----------------------------------|
| <input type="checkbox"/> Diving and other Underwater Activities | <input checked="" type="checkbox"/> | Optional electrofishing sampling |
| <input type="checkbox"/> Climbing | <input checked="" type="checkbox"/> | Aquatic sampling |
| <input type="checkbox"/> High Altitude | <input type="checkbox"/> | _____ |
| <input checked="" type="checkbox"/> Hiking | <input type="checkbox"/> | _____ |

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RISK ASSESSMENT:

List identified risks associated with activities or environments (e.g. extreme heat or cold, wild animals, endemic disease, firearms, explosives, violence), and measures for eliminating or reducing risks to acceptable levels:

| RISK | PRECAUTION |
|--|--|
| 1. Wildlife | <ul style="list-style-type: none"> - Stay with the group at all times. - Advise yourself on protocols for black bear encounters; instructor will provide briefing prior to fieldwork. - Carry bear spray (see note 2 about transport and handling). - Do not approach large or potentially dangerous wildlife. - Do not feed wildlife. |
| 2. Bear spray | <ul style="list-style-type: none"> - Bear spray will be transported in a tote in the vehicles. - While in the field you should carry this in a holster or side pocket of your bag with the trigger lock on. - Be cautious when handling bear spray. |
| 3. Water bodies | <ul style="list-style-type: none"> - We will be working around a variety of wetlands (ponds, rivers, lakes). Be cautious of the conditions - Do not enter a water body unless the instructor has deemed it safe and you have the appropriate gear and supervision |
| 4. Poisonous plants | <ul style="list-style-type: none"> - Do not consume plants or plant parts unless the instructor advises you that it is safe. |
| 5. Heat exhaustion/heat stroke | <ul style="list-style-type: none"> - Be aware of overexposure to heat/sun. - Carry and drink a lot of water - Wear a hat and sunglasses. |
| 6. Sunburn | <ul style="list-style-type: none"> - Use sunscreen with a suitable Sun Protection Factor |
| 7. Cold | <ul style="list-style-type: none"> - Evenings and mornings may be very cool (~0 C) - Wear appropriate clothing as advised in the field gear list. |
| 8. Insect bites | <ul style="list-style-type: none"> - Use insect repellent. - Advise the instructor in the event of an unusual reaction. |
| 9. Various risks associated with hiking in general | <ul style="list-style-type: none"> - Wear comfortable, sturdy shoes, long pants and sleeves. - Stay with the group. If you need to depart for a moment let the instructor know. - Carry your cell phone; many of the locations will visit have reception but do not rely on this fact. - Carry a compass and/or GPS. - Carry a small first aid kit with an emergency blanket. |
| 10. Electrofishing sampling | <ul style="list-style-type: none"> - This will be an optional activity involving trained instructors - Ensure you follow their instructions precisely - Do not enter the water without the appropriate protection during electrofishing sampling |

TRAVEL IMMUNIZATION/PROPHYLAXIS REQUIREMENTS: NONE REQUIRED

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EMERGENCY PROCEDURES:

Detailed Emergency Plan for Research location (include information on communication and evacuation plans – attach additional details if required)

University Contact & Phone No.

1. Elma Schweigert/519-884-0710, ext. 2905
2. Caroline Culshaw/ (519) 884-0710 ext. 2379
- 3.
- 4.

Local Contact & Phone No.

1. Christine Wenman – 867-873-8897/867-446-4217
2. Tyler Veness – 519-635-8016
- 3.
- 4.

I, the undersigned, acknowledge that:

- a) I have been fully informed of the risks of this field research and that I accept them;
- b) I will comply with the established safety procedures;
- c) I am in satisfactory health to undertake the research; and
- d) I have received all of the prescribed immunizations.

ACKNOWLEDGMENT OF TEAM MEMBERS:

| NAME (Please Print) | SIGNATURE | DATE |
|----------------------|-----------|------|
| Black, Katherine | | |
| Devai, Emma | | |
| Flynn, Zack | | |
| Koval, Samantha | | |
| Leitrants, Cameron | | |
| Liang, Tanner | | |
| Lynch, Samanth | | |
| Maccoll, Kevin | | |
| Szot, Melissa | | |
| Webb, Jenna | | |
| Wisniowski, Jennifer | | |
| Zazzara-Yu, Isolina | | |

Signature of supervisor indicating approval of above arrangements

Jennifer Baltzer

Name (please print)

Signature

Date

Signature of Department Chair

I acknowledge receipt of this document:

Name (please print)

Scott Ramsay

Signature

Date