

# GEOLOGY FIELD CAMP

9<sup>th</sup> Jan – 3<sup>d</sup> Feb, 2006

Please fill in the following information and return to Karen Garofalo (Room 54-1018) *as soon as possible*.

1. *Personal Information*

Your Name \_\_\_\_\_ Emergency Contact \_\_\_\_\_  
Phone # \_\_\_\_\_ Phone # \_\_\_\_\_  
Email \_\_\_\_\_ email \_\_\_\_\_  
Address \_\_\_\_\_ Address \_\_\_\_\_  
\_\_\_\_\_

2. *Medical Insurance*

MIT student with MIT insurance, give MIT ID # \_\_\_\_\_

Non-MIT students give:

Name of insurer \_\_\_\_\_  
Policy # \_\_\_\_\_  
Insurer's Phone # \_\_\_\_\_  
Insurer's address: \_\_\_\_\_  
\_\_\_\_\_

3. *Medical Information*

Allergies? (Please list here)

Do you carry an epi pen for emergency use?

Continuing care problems such as diabetes, epilepsy, etc.? (Please list here)

Any other medical information we should know (please list here)

4. *Other Needs*

Sleeping bag? \_\_\_\_\_ Pad? \_\_\_\_\_ Tent? \_\_\_\_\_ Other? \_\_\_\_\_

5. *Your Travel Plans*

Plan on flying with the group? Yes no

If NOT flying with group you'll be traveling from:

6. Questions? Comments?

# IAP FIELD CAMP MEMORANDUM

**TO:** Students Attending Geology Field Camp  
**FROM:** Clark Burchfiel  
**RE:** Field Camp – Monday, January 9<sup>th</sup> through Friday, February 3<sup>d</sup>, 2006

This memo concerns the camp organization, travel arrangements, needed information, etc. *Please read carefully because there are several items which require your immediate attention.* **Fill out the student information sheet and leave it with Karen Garofalo (54-1018) SOON.**

## FIELD CAMP PERSONNEL

Faculty:	Clark Burchfiel	54-1010	617-253-7919	<a href="mailto:bcburch@mit.edu">bcburch@mit.edu</a>
	Kip Hodges	54-1112	617-253-2927	<a href="mailto:kvhodges@mit.edu">kvhodges@mit.edu</a>
Teaching Asst.:	Benjamin Crosby	54-1024	617-253-7219	<a href="mailto:mountain@mit.edu">mountain@mit.edu</a>
Administrator	Karen Garofalo	54-1018	617-253-1902	<a href="mailto:garofalo@mit.edu">garofalo@mit.edu</a>

## TRAVEL TO AND FROM CAMP

**Location: Camp location yet to be decided but will be in the southern Nevada-western Arizona region.**

Group airfare between Boston & Las Vegas will be paid for by the Department. You are responsible for any transportation expenses over and above that basic “group” price, to be announced in early October. If you plan to travel from Boston with “The Group,” let Karen know ASAP so she can finalize tickets reservations before late November when prices usually jump. You may pick up your ticket from Karen before leaving for the Christmas holiday.

If you’re arriving at camp from somewhere else, please make your own reservations (preferably through Gail, to help with coordination and bookkeeping. They both know exactly what to do.) and *give Karen a copy of your itinerary as soon as possible.* Plan to arrive at the Airport in Las Vegas a little *before* “The Group” so no one gets lost and there won’t be a delay in driving out to camp.

Our travel agent for field camp is:

**Gail 497-7400 x47**  
Travel Collaborative

They will have your tickets delivered to MIT.

## ITINERARY

Field camp (12.115) covers the full IAP period.

We arrive in Las Vegas Monday, January 9<sup>th</sup>, and leave on Friday, February 3<sup>d</sup>.

## INSURANCE

**Everyone attending the field camp *must* have medical insurance.** If you are an MIT student with student insurance, your coverage is assured; we will just need your student ID number. See the student information sheet.

## MEDICAL FACILITIES/PROBLEMS

The nearest hospital will usually be 30 - 100 miles from the field site. **If you have any allergies or special medical problems, be sure to include them in the space provided on the information sheet.**

## FIRST AID KITS

The Department vehicles are equipped with basic first aid kits. It would be sensible, however, for you to provide yourself with a supply of bandages, antiseptic, moleskin, etc., for blisters and other minor nuisances.

**Bring plenty of good sunscreen, SPF 15 or higher.**

## CLOTHING

1. Bring warm clothing for vigorous field work. A parka, or heavy jacket, rain parka, windbreaker, gloves and long underwear are essential. Most of the time the weather will be moderate to warm, but it is always best to be prepared for cold weather; you will get some cold weather, perhaps below freezing, at times (particularly at night). Plan to dress in layers.
2. Stout hiking shoes or boots. **Sneakers are NOT acceptable.** The country is rough, with lots of sharp rocks; make it easy on yourself by coming prepared. Boots should be WELL BROKEN IN and waterproofed. Rattlesnakes are present in the area; however, they are generally dormant in January. You are not likely to encounter any snakes.

## SHELTER

1. If you have or can borrow **a good sturdy tent**, bring it. We will provide some tents that house several people, but we do not have enough for everyone. If you need a tent, contact the teaching assistant or Prof. Burchfiel as soon as possible.
2. **You must have a good, warm sleeping bag.** We sincerely hope that each student can bring a warm (down) sleeping bag for her/himself, but the Department will try to provide down bags for those who can't. Tell your teaching assistant ASAP if you will need a bag. A good Fiberfill or Polarguard bag and long underwear is also sufficient. Temperatures at night will usually drop below freezing. If you choose to sleep on the ground, you will also need: 1) a ground cloth, and 2) an air mattress, insulate foam pad, or, best of all, a thermarest pad. MIT can furnish some pads, but please let us

know if you need one. Some prefer to sleep on cots, which tend to be a little more comfortable, but also colder as you are up off the ground.

## EQUIPMENT

The following items are essential for fieldwork:

Brunton compass	Clipboard w/ plastic cover
Sturdy notebook	Geology hammer
Several 4H pencils	Day pack
Pocket knife	Water bottle or canteen (2-liter minimum)
Small (~3") protractor	Hand lens (10x or 14x)

IPAQS and other necessary equipment for digital mapping will be provided by MIT. Brunton compasses will be furnished by MIT. Other expensive items, such as a hammer, probably can be borrowed if you don't want to buy them. See the Teaching Assistant for information on where to borrow/buy/manufacture these items.

As we get closer to the departure date, we will provide more information and check in with the students about what gear you will need to bring.

## TERRAIN

Students should condition themselves and be prepared to climb between 1000 to 1500 feet (300 m.) each day, in rugged terrain. If you buy new boots, break them in *before* January. Some exercising for long walks and climbing are recommended before going to field camp.