



Foundation for Glacier and Environmental Research

Funding partner of the Juneau Icefield Research Program

JIRP EQUIPMENT CHECKLIST

Please note that a detailed list/description of required equipment and gear has been provided. Use this checklist as an easy way to be sure you have everything you need as you prepare in advance for JIRP.

*There is an excellent outdoor gear store in town, Foggy Mountain Shop, along with 2 used sporting goods stores. Most JIRPers will end up purchasing some last minute supplies and gear at these venues. We are working with Foggy to have a JIRP only shopping time during the "Juneau Week". The owners have generously offered a discount for JIRP students, but details on that are being worked out at this time.. You should, however, plan to acquire most or all of your gear-**especially skis, boots, etc-** prior to arrival in Juneau so you are certain of the fit AND availability. (Plus, you definitely should NOT wait to get boots until you get here. Break in your boots well before the program start to avoid painful blisters). These local shops can not guarantee availability of the very specific gear we require you to have. That said, Foggy Mountain Shop is very willing to work with folks. If you want to purchase something from them to avoid transporting it to Juneau, call them well ahead of time to see if they can get it for you and have it waiting when you arrive in Juneau (not your boots, though!). Contacts are Sean or Courtney at 907.586.6780. Let them know you are a JIRP student.*

Additionally, there are a number of online retailers that are easy to work with who will carry some or all of the gear we require. We have had luck with finding discounted equipment/clothing at the following sites:

- www.rei.com Check their outlet site.
- www.backcountry.com Check their outlet site.
- www.moosejaw.com
- www.sierratradingpost.com
- www.steepandcheap.com
- www.skis.com Check their outlet site.
- www.evo.com Check their outlet site.
- www.wildernessx.com

You can also consider looking at the websites of the manufacturers directly as this is the time of year for sales, especially on winter gear, including outerwear. Reputable companies, especially for outdoor clothing, include: Patagonia, Arcteryx, The North Face, Black Diamond, Mountain Hardwear, Columbia, SmartWool, etc. There are, of course, a ton of other options out there, but this should give you a good start.

REQUIRED ITEMS

- PASSPORT (must be valid)
- VISA (for international participants)
- LARGE, INTERNAL FRAME BACKPACK
- ICE AXE
- CRAMPONS WITH STRAPS
- CLIMBING HARNESS
- CLIMBING HELMET (bring if you have one or rent from JIRP for \$30; cash or check, paid in Juneau)
- CARABINERS

- SKIS (mounted with appropriate bindings)
- SKI BOOTS
- SKI POLES
- CLIMBING SKINS/CLIMBING AIDS FOR SKIS
- HIKING BOOTS
- LIGHTWEIGHT SNEAKERS/CAMP SHOES
- RAIN JACKET *Don't skimp on quality here
- RAIN PANTS *Don't skimp on quality here, either
- WOOL or WOOL/POLY SOCKS
- UNDERWEAR (3 pairs max; non-cotton)
- LONG UNDERWEAR (min.1 pair but recommend 2 pair)
- SHORTS
- FLEECE/WOOL PANTS
- CAMP PANTS
- LIGHT SHIRTS
- WOOL or POLY SHIRT
- FLEECE, WOOL or DOWN/SYNTHETIC "PUFFY" JACKET
- BANDANA
- BRIMMED HAT
- WOOL/WARM HAT
- POLY/WOOL LINER GLOVES
- WOOL or FLEECE MITTS
- OVERMITTS/GLOVES
- SNOW GAITERS
- SLEEPING BAG (rated +15F to +20F/-9C to -6C)
- SLEEPING BAG STUFF SACK (compression bag highly recommended)
- SLEEPING PAD (closed cell foam or inflatable)
- TARP/GROUNDSHEET (8'x10'/2.5m x 3m)
- LARGE STUFF SACK (recommend waterproof and compressible bags)
- SMALL STUFF SACKS (4-6)
- NYLON CORD (50ft/15m)
- CORDELETTE/PERLON CORD (50ft/15m of 6-7mm cord)
- PLASTIC BAGS
- BOOT WATERPROOFING
- CUP & SPOON
- POCKET KNIFE/LEATHERMAN-TYPE MULTI-TOOL
- HEADLAMP
- HEADLAMP BATTERIES
- 2 WATER BOTTLES or 1 WATER BOTTLE + 1 BLADDER (wide mouth)
- COMPASS
- MIRROR
- CANDLE & WATERPROOF MATCHES/LIGHTER
- SMALL REPAIR KIT
- WRIST WATCH (rugged, waterproof, alarm)
- MOUNTAINEERING SUNGLASSES
- EXTRA PAIR PRESCRIPTION SUNGLASSES/CONTACT LENSES & LENS SOLUTION
- LIP BALM (SPF 15+)
- SUNSCREEN (SPF 30+)

- PERSONAL HYGIENE ITEMS
- EAR PLUGS
- DUCT TAPE
- MARKING PEN (Sharpie)
- JOURNAL & WRITING MATERIALS
- USB FLASH DRIVE (1-2 4GB)
- FIRST AID KIT
 - rubber gloves: 1 pr
 - bandaids:5-10
 - moleskin: 2 large rolls/sheets
 - spenco 111 Second Skin: 1 package
 - athletic tape/cloth adhesive tape: 1-2 rolls
 - gauze: 3 2x2 pads
 - antiseptic ointment: 1 small tube
 - aloe vera gel: (optional for sunburn) 1 small tube
 - Tylenol
 - Ibuprophen
 - any prescription meds: 2 month supply
 - list of pertinent medical information: include all allergies, illnesses, medications. If none apply, please write "no allergies, no pertinent med history, no meds"

OPTIONAL ITEMS

- DOWN JACKET/VEST
- DAYPACK
- CAMERA (If you use your phone as your camera, keep in mind you will need to charge it. There are small solar chargers on the market that work well. REI stocks a few kinds. You will not have service on your phone on the Icefield).
- BELT/SUSPENDERS
- SKI STRAPS
- BIVY BAG
- TOPO MAPS OF THE JUNEAU ICEFIELD
- HAND LENS, ROCK HAMMER, and SAMPLE BAGS
- LIGHTWEIGHT WINDBREAKER
- BOOT INSOLES
- LEATHER WORK GLOVES