1. Goals: To prepare the resident rotator for a career in Emergency Medicine with a wilderness medical curriculum
   • Academically: Multiple wilderness medicine topics are directly related to the study and practice of Emergency Medicine as described in Wilderness Medical Journal (see reference)
   • Experientially: The Far North region of California has a unique topography ideally suited to learning many aspects of wilderness medicine in this multiple geographic environments (Altitude medicine, rock/rope rescue, diving medicine, avalanche awareness, river rescue, etc)

2. Objective: To provide the resident rotator with knowledge and experience of the injuries and treatments for working/living in the north state, both in the wilderness setting and in the Emergency room.

3. Curriculum design:
   • Based off EM core content for Emergency Medicine Residency training (see reference)
   • Accreditation for CME credits for AWLS (Advanced wilderness Life support) through Wilderness Medical Society
   • Fall course focus (Sept/Oct/Nov): rock climbing/ropes
   • Winter focus (Dec/Jan/Feb): avalanche/altitude/ski
   • Spring focus (Mar/Apr/May): river rescue/mountaineering
   • Summer focus (Jun/Jul/Aug): diving/mountaineering

4. Sample schedule (28 day rotation):
   • 9 total Days of ED shifts (Level II Trauma, Stroke/STEMI center/ 55K ED census)/
   • 2 days Tactical Medicine principles/range shooting
   • 3 days AWLS course and certification
   • 3 days: wilderness travel excursion/wilderness clinical scenarios
   • 2 days: personal skills training- basic high angle/ropes course/climbing/rescue litters
   • 4 days: outdoor/clinical experience- ie, climb Mt Shasta, river raft, Mt Shasta Ski resort

5. Participating organizations/Available/Possible Experiences:
   • Shasta County Sheriff: SWAT; Rescue/Dive, Smokejumpers (NorCal), NPS (National Park Service) Lassen and Whiskeytown
   • Mt Shasta Ski patrol, Redding Rodeo, Mountain Medics, Mt Shasta Avalanche Center, Mt Shasta Mountain Guides, CHP Air operations, PHI, Turtle Bay wildlife Arboratorem and botanical gardens (snakes/scorpion), Volunteer Medical Mt Shasta Ski.