

# ISSW 2014

{ High lights  
from Banff

Eeva Latosuo  
SAAW2014





Oh, Canada...



## ¶ Oral presentations:

- ¶ Tim Glassett – Highway avalanche fatalities
- ¶ Dave Hamre – Fracture speeds
- ¶ Ron Simenhois – Fracture arrest at slab boundary
- ¶ Emma Walker – Denali guide decisionmaking

## ¶ Posters

- ¶ Hannah Brewster – Storm statistics at CPG operations area
- ¶ Mat Brunton – Front Range avalanche advisory program
- ¶ Sarah Carter – Damalanche; Snowkiting ed
- ¶ John Fitzgerald – January wet slab cycle
- ¶ Brian Gehring – Risk tolerance in backcountry users
- ¶ Bill Glude – AK Block finalized
- ¶ Debra McGhan – Education games
- ¶ Matt Murphy – Statistical tools for DOT avalanche program
- ¶ Molly Schouweiler – Contaminant effects on avalanche dogs
- ¶ Wendy Wagner – Travel advisory icons
- ¶ Katreen Wikstroem-Jones – Entrainment at Bird Hill

# Alaska represented well!

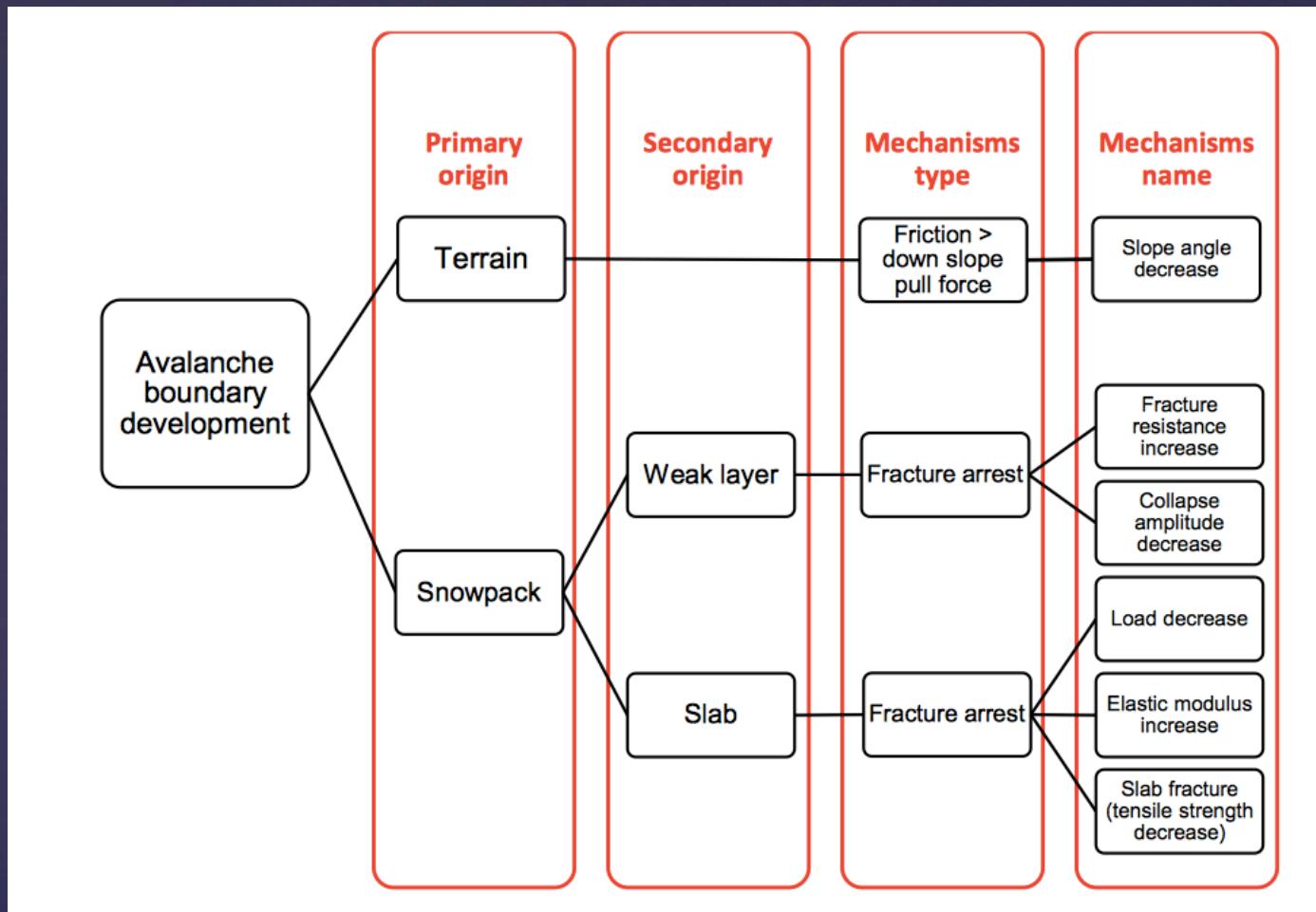


**UNCERTAINTY  
AHEAD**

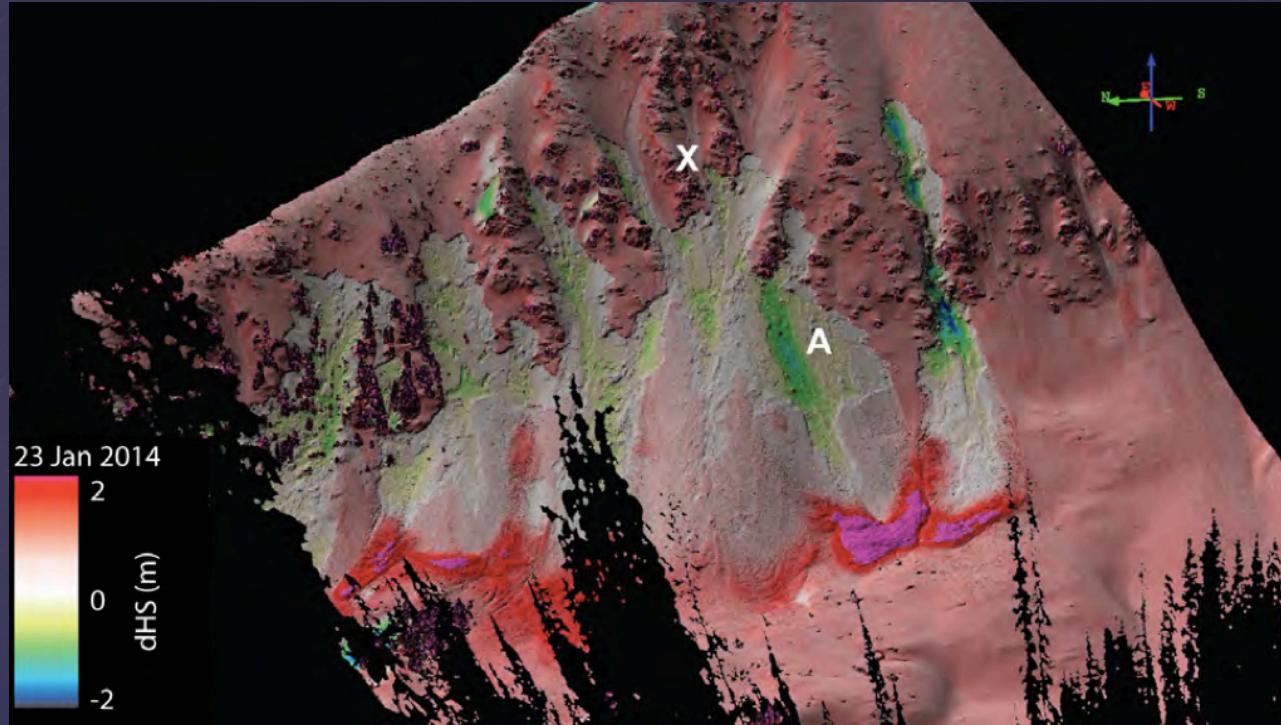
**Theme of the week:  
Uncertainty**



Birkeland: Slab and weak layer in fracture arrest  
Explaining non-releases with weak layer interruption and slab support



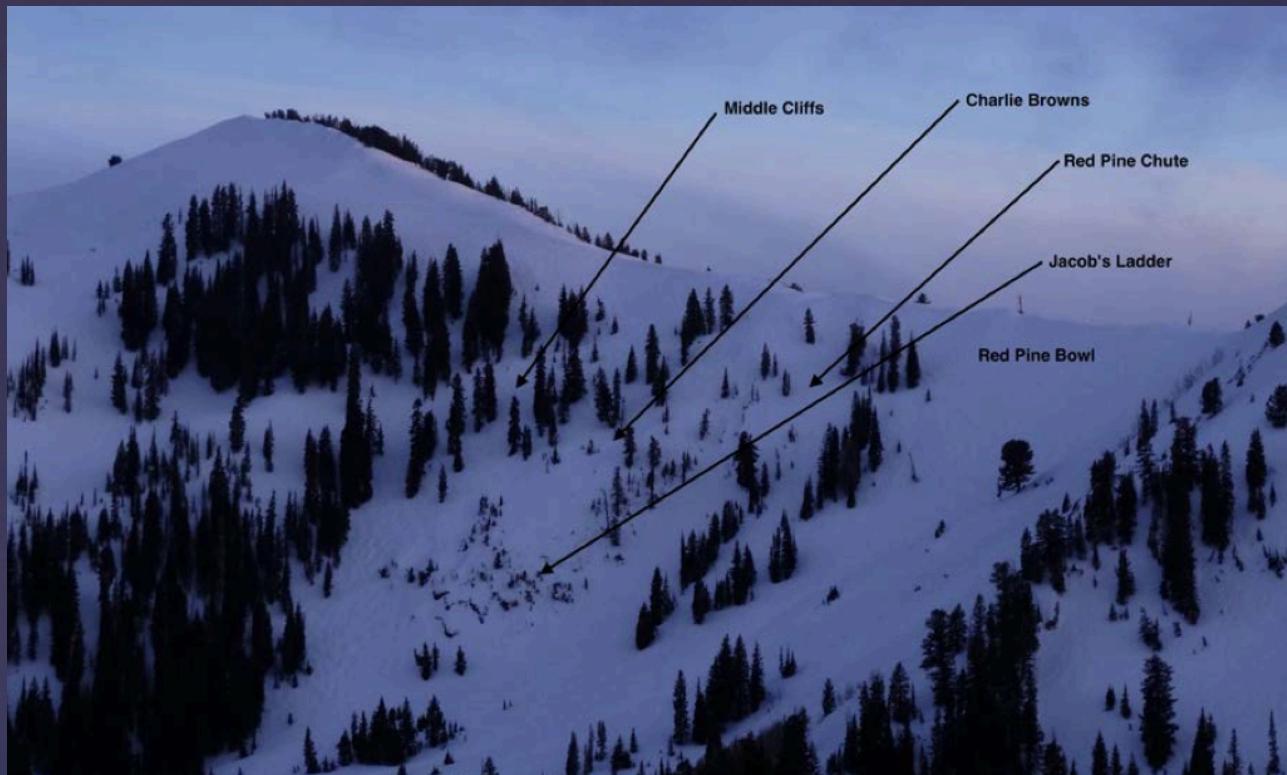
Simenhois: Fracture arrest at  
slab boundary  
6 mechanisms of boundary development



Deems: Terrestrial LiDAR  
measuring snowdepth  
Visual mapping of spatial  
variability of snowpack depth



Baugher:  
Crystal Mtn Deep Wet Slabs  
“Perfect storm” & unusual snowpack  
result in rapid onset and longer than  
expected runout distances

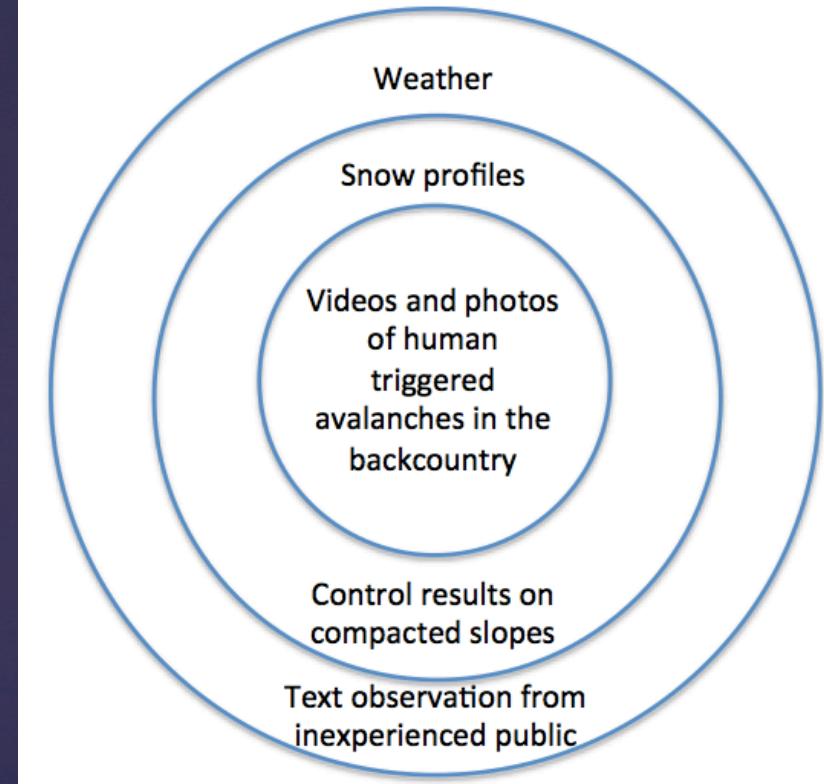


Hutchinson: Legal process  
Canyons inbounds fatality  
Lessons learned from the first jury  
tried inbounds fatality



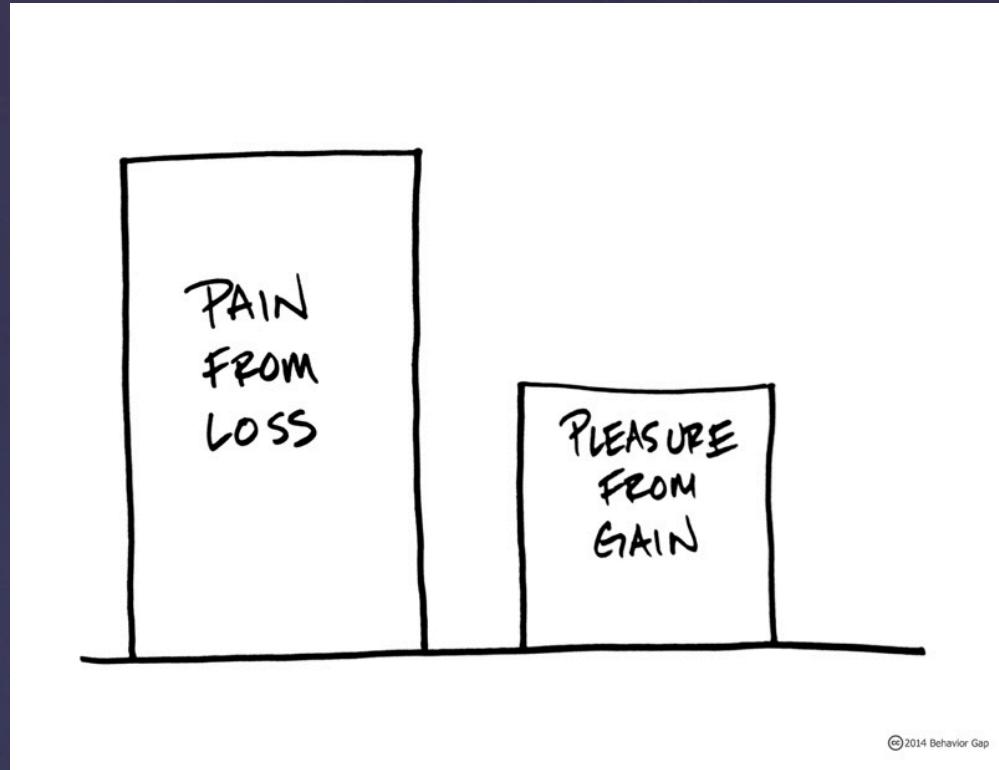
# Tremper: Crowdsourcing in avalanche forecasting Social media & Utah Avalanche Center

## Bull's Eye Information





# Savage: Prolongued burials & avalanche rescue Case study from the Sawtooths, ID



©2014 Behavior Gap

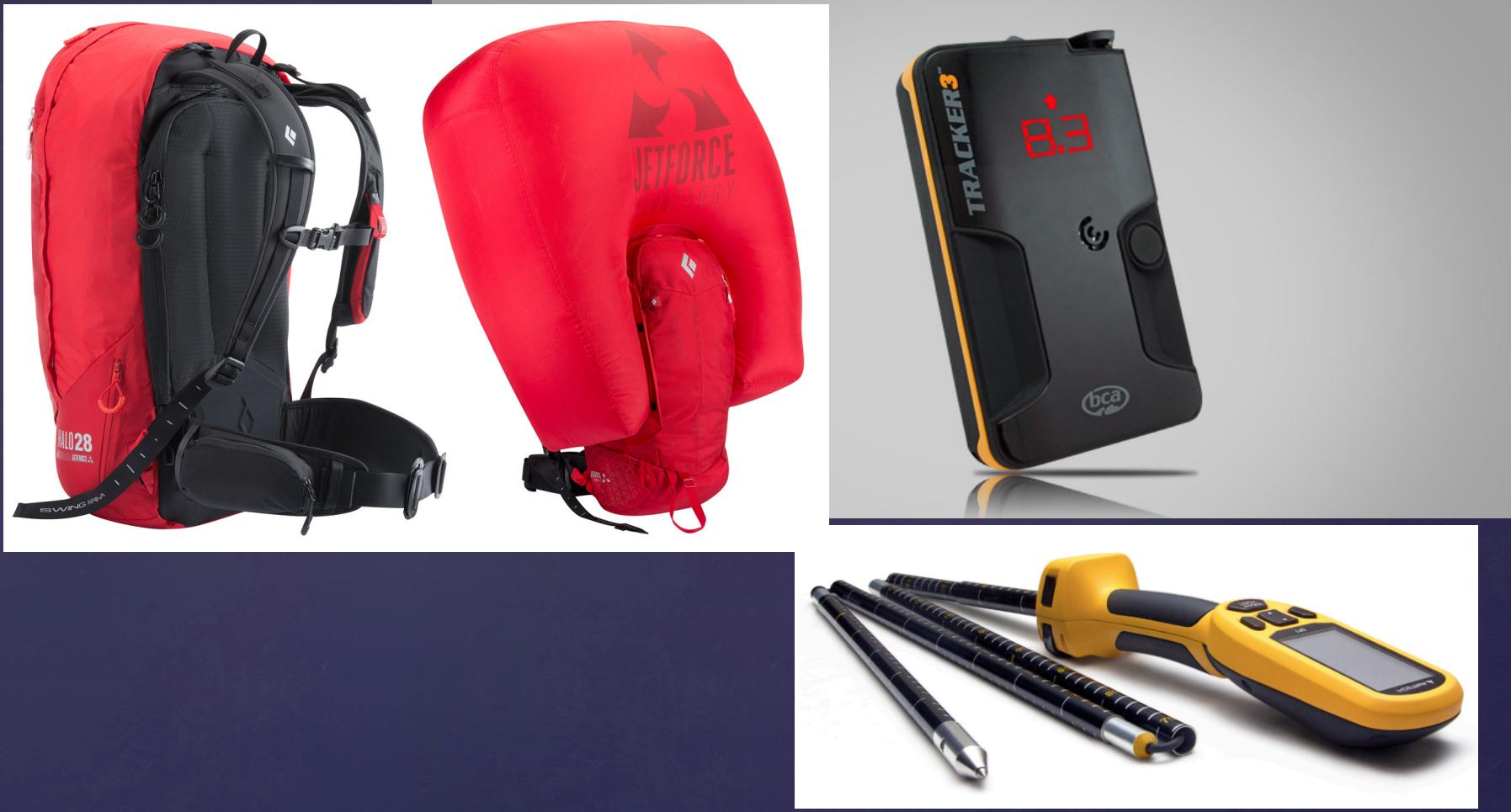
# Geisler: Human factors & behavioral economics

## Reframing risk to loss & Rewards of real-life practice

# Excellent workshops

Avalanche safety for climbers?  
What has avalanche research done  
for us?  
Does compaction work?  
Certifications/Qualifications in  
avalanche work?





# Industry exhibits



Next stop:  
ISSW 2016 Breckenridge  
ISSW 2018 Innsbruck  
New US-Canada-Europe rotation