US-SCAR, Physical Sciences

U.S. Representatives & Group Scope

Physical processes in ice, ocean, land, water & space



Kirsty Tinto
Cryosphere
aerogeophysics
Columbia University



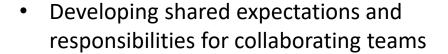
John Cassano
Polar weather and
climate
University of Colorado



Lu Lu
Astroparticle physics
University of WisconsinMadison

Critical Issues Being Discussed

- Cohesive constraints on coastal boundary conditions for ice sheet mass balance
 - Co-ordinating international surveys
 - Combining disciplines at focus sites
 - Integrated models and observations



Current Projects/Activities

Scientific research projects:







Expert Groups:

ANTOS, ASPECT, FRISP, OpMet, SORP, IPICS, ISMASS Action Groups:

ACA, ANGWIN, RINGS, TATE, EOAG, IMPACT, AntArchitecture, PRAMSO

Future Directions

- How to advance US logistics and science together?
- How to support astronomy/astrophysics community with South Pole needs (CMB-S4)

