



**Strategies for Synthesis, Integration, & Future Opportunities**  
**December 8, 2019 | 1:15 - 5:45PM**  
**Grand Hyatt Union Square, Belvedere Room, 2nd floor**

*Conveners: The GeoPRISMS Steering and Oversight Committee - Becky Bell, Rebecca Bendick, Daniel Brothers, Mark Caddick, Char Deering, Katie Keranen, Luc Lavier, Rob Harris, Emily Roland, Kyle Straub, Jessica Warren, Demian Saffer*

**12:00-1:15** Lunch to be Provided (OneUP Lounge, Mezzanine Level)

**1:15-1:30** Welcome from GeoPRISMS Office and news from NSF (*Demian Saffer, Jenn Wade*)

**1:30-1:45** Welcome, Introduction & Charge to Discussion Groups (*Demian Saffer*)

**1:45-2:00** Example of recent synthesis workshop - strategies & outcomes (*Terry Plank, LDEO*)

**2:00-3:30** Breakout Discussions

1. Strain localization and evolution of plate boundaries (*Sarah Jaye Oliva; Erin Hightower*)
2. Linking geophysical imaging to active composition/state/properties (*Andrew Gase; Cailey Condit*)
3. Fluids/metamorphism/rheology & exhumed records of plate margins (*Andy Smye; Kayleigh Harvey*)
4. Fluid and volatile migration (*James Muirhead; Suzanne Birner*)
5. Feedbacks between tectonic deformation and magmatism (*John Green; Luc Lavier*)
6. The pace and mechanics of magma supply (*Dan Rasmussen; Chad Deering*)
7. From slow slip to mega-earthquakes (*Hiroko Kitajima; Connor Drooff*)
8. Coupling geodynamics and surface processes; geohazards on passive-aggressive margins (*Tina Dura*)

**3:30-4:00** Coffee Break

**4:00-5:30** Breakout report-outs & plenary discussion

- Identify common themes and needs
- Discuss strategy and timeline for implementing next steps: workshop proposal "packages", products to be developed, etc...

**~5:45** Adjourn for Evening Celebration, light catering & Cash Bar (Bayview Room 36<sup>th</sup> floor)