

# Fall Meeting of the Montana Chapter of the American Statistical Association

**Tuesday, September 17, 2013**

**USGS Northern Rocky Mountain Science Center**

**2327 University Way, Bozeman**

**(From campus - continue south on 11th across Kagy Blvd**

**It's the big new building near the stadium.)**

- 9:15 - 9:55      Coffee, treats, and socializing.
- 9:55 - 10:00      *Opening Remarks*  
Dr. Megan Higgs (Vice-president of the MT Chapter)
- 10:00 - 10:30      **Moving Beyond Status and Trends: The Application  
of Structural Equation Models to Monitoring Data**  
Dr. Kathi Irvine, Statistician, U.S. Geological Survey
- 10:35 - 10:55      **The Good, Bad, and the Ugly of Data Presentation**  
Dr. Paul CROSS Research Wildlife Biologist, U.S. Geological Survey
- 11:00 - 11:25      **Application of Mixed Linear Models for Genomic Studies**  
Greta Linse Peterson, Product Quality Manager/Senior Statistician, Golden Helix Inc.
- 11:30 - 1:00      **\*\*\*\*\* LUNCH BREAK (No host)\*\*\*\*\***
- 1:05 - 1:25      **Approaches to Modeling Variables with Correlated  
Measurement Errors**  
Jennifer Weeding, Ph.D. Statistics student, MSU
- 1:30 - 2:00      **Staying Organized: Reproducible Research**  
Dr. Jim Robison-Cox, MSU
- 2:00 - 3:00      Business Meeting