Colorado-Wyoming Chapter

Colorado/ Wyoming Chapter American Statistical Association Spring Meeting

National Center for Atmospheric Research - Mesa Lab   **Friday, April 20, 2012**

General Schedule:

  9:00 - 9:30 am: Coffee and Donuts

  9:30 - 11:30 am: Morning Session - with a short break.

11:30 -   1:00 pm: Lunch. An extended lunch is planned so that folks can socialize, walk around or attend a 12:30
tour of the VisLab. (http://www2.cisl.ucar.edu/vets/vislab).

  1:00 - 3:45 pm: Afternoon Session - with a short break. Chapter business items and CSEF / Maurice Davies
award winners discussed very briefly before and/or after the break.

Speakers and titles in order by session:

Morning Session

Adele Peskin, Alden Dima, and Ganesh Saiprasad, National Institute of Standards and Testing: "An Automated Method for Locating Phantom Nodules in Anthropomorphic Thoracic Phantom CT Studies"

Karl J. Ellefsen, David B. Smith, John D. Horton, USGS: "Potentially Toxic Elements in Soils of the Wyoming Landscape Conservation Initiative Study Area: Implications for Ecological and Human Health"

Peter Marcy, University of Wyoming: "Multivariate interpolators using derivative information"

Ryan Elmore, National Renewable Energy Laboratory: "An introduction and statistical issues related to the Electric System Resource Demand Model"

Grant Weller, Colorado State University/ NCAR: "An Investigation of the Pineapple Express Phenomenon via Bivariate Extreme Value Theory"

Elizabeth Juarez, Colorado School of Public Health, University of Colorado: "Efficient Panel Designs for Longitudinal Recurrent Event Studies"

Afternoon Session

Thomas A. Scripps, Scripps & Associates: "On Stability Trending Immediate-Release Dissolution"

William Kleiber, IMAGE NCAR: "Gridded daily weather simulations for applications in downscaling, hydrological

and agricultural models"

Jamie Riggs, University of Northern Colorado: "A Generalized Linear Mixed Model for Enumerated Sunspots"

Andrew Karl, University of Arizona: "Efficient Maximum Likelihood Estimation of the Generalized Persistence Value-Added"

Matt Heaton, Geophysical Statistics Project - NCAR: "Emulating and Calibrating the Multiple Fidelity, Spatio-temporal Lyon-Fedder-Mobarry Magnetosphere-Ionosphere Coupled Computer Model using Predictive Processes"

Mark Fitzgerald, Neptune and Co.: "Application of Bayesian Statistics to Geothermal Mapping."

Contact Matt Pocernich at mpocernich@neptuneinc.org.