

# SHOWCASE OF USGS GENETICS AND GENOMICS RESEARCH

**MARCH 10, 2010 10:00am – 2:00pm**

**10:00 AM**

**Welcome**

**10:10 - 10:20AM**

**Genetic and Genomic Tools for Improving Fish Health**

*-Maureen Purcell, PhD. Washington State*

**10:35 - 10:45AM**

**Population Genetics of Threatened and Invasive Species**

*-Margaret Kellogg Hunter, PhD. Florida*

**11:00 - 11:10 AM**

**Using Genetic Data to Assist in the Management of Sage-grouse in Light of Energy Development and Climate Change**

*-Sara Oyler-McCance, PhD. Colorado*

**11:25 - 11:35 AM**

**Use of DNA Evidence to Identify Bears Involved in Urban Mauling**

*-Sandra Talbot. PhD. Alaska*

**11:50 - 12:00 PM**

**Using Genetic Data to Examine Effects of Wind Turbines on Populations of Three North American Migratory Tree Bat Species**

*-John Switzer. PhD. West Virginia*

**12:15 - 12:25 PM**

**Recombinant Oral Vaccine Protects Prairie Dogs Against Plague**

*-Tonie Rocke. PhD. Wisconsin*

**12:40 - 12:50 PM**

**Using Landscape Genetics to Assess Habitat Corridors in the Desert Southwest**

*-Amy Vandergast. PhD. California*

**1:05 - 1:15 PM**

**Genomics as Diagnostic Tools in Environmental Contaminant Studies in Fish**

*-Donald Tillitt. PhD. Missouri*

**1:30 - 1:40PM**

**Using Genetics to Understand Climate Change and the Interseasonal Movement of Birds**

*-Susan Haig, PhD. Oregon*

**1:50 - 2:00PM**

**Using Molecular Biology to Understand the Effects of Pollutants on Wildlife**

*-Natalie Karouna-Renier, PhD. Maryland*

South Interior Building,  
South Interior Auditorium  
1951 Constitution Avenue, NW

U.S. Department of the Interior  
U.S. Geological Survey