

***THE ASRC FALCONER SCIENCE/NATURAL HISTORY LECTURE
SERIES
2018***

TUESDAY EVENINGS - 7:00 pm. Free admission and open to the public

ASRC WHITEFACE MOUNTAIN FIELD STATION
110 MARBLE MOUNTAIN LANE
Wilmington, NY 12997
(518) 946-2142

**July 10 *Monitoring Tick-borne Diseases in The North Country: An Update*
Presentation by Lee Ann Sporn, Ph.D, Paul Smith's College Biology Professor**

Tick-borne diseases, including Lyme disease and babesiosis, are on the rise in the North Country. Dr. Lee Ann Sporn has worked in partnership with the NYS Department of Health for the past five years to monitor local blacklegged tick populations and the diseases they carry. She will present up-to-date findings, and will also provide tips to prevent acquiring a tick-borne disease.

**July 24 *Adirondack Lakes Survey Corporation Program Update*
Presentation by James Dukett, Program Manager-Adirondack Lakes Survey Corporation**

Adirondack Lakes Survey Corporation (ALSC) continues acid deposition monitoring efforts by collecting Samples associated with the Adirondack Long-Term Monitoring program. ALSC is working with NYSDEC to advance Brook Trout restoration efforts and with multiple partners on research plans that include future resurveys, collaborations and gathering new ecosystem research ideas.

**August 7 *Investigating Aerosol-Cloud Interactions from the ASRC Whiteface Mountain Observatory*
Presentation by Dr. Sara Lance, ASRC Research Associate**

A summarization of a recent NSF-funded field study of the complex chemistry of organic chemicals within clouds at Whiteface Mountain, NY. Routine measurements over the past several decades at WFM provide a unique and broad view of regional air quality and cloud-aerosol interactions, particularly relevant for acid rain deposition to Adirondack ecosystems. Future intensive measurement campaigns planned for Whiteface Mountain will help researchers better understand the impact clouds have on the chemical processing of organics within our ever-changing atmosphere, at the intersection of air quality and climate research.

**August 21 *In Depth Analysis of Major North Country Weather Events*
Media presentation by Brooke Tabor of the National Weather Service**

Review and an in depth analysis of the last two years weather impacts on the North Country: March 2017 snow storm, October 2017 windstorm, winter 2018 ice jam flooding and May 2018 severe thunder storms and high winds.