



2017

# AVIATION LECTURE SERIES

## TO THE TOP OF THE ATMOSPHERE AND BEYOND

Lecture starts @ 19:00

### CAMERON SMITH

Portland State University Anthropology Professor will present **The History of Pressure Garments and Space Suits: Technological Evolution and Notes From Private Research**. Dr. Smith will explore the history of the development of pressure and space suits used in the exploration of the outer reaches of our atmosphere and outer space, as well as his drive to develop, build, and test his own pressure suit.



### MAC MACKINNEN

Mac, a National Park Service Volunteer-in-Parks, who was a navigator in B-52 airplanes during the Vietnam War, he will present **Flying in the Buff: Personal Memories of the B-52 and Missions over Vietnam**. MacKinnen will discuss the history and development of the B-52, its pivotal role in global scale aerial conflicts and the Strategic Air Command, and share some of his personal stories of his many missions on board the "BUFF."



### MARK SMITH & KAREN BARROW

Century Aviation presents **Old Planes: A Labor of Love**. Century Aviation of East Wenatchee, WA, specializes in the rehabilitation of historic aircraft for both museum and private displays. The life of an aircraft is not necessarily over when it's retired to a junkyard or replaced by more modern technology - at Century Aviation, historic aircraft are given new life. Learn about the restoration of various historic aircraft, from the famous Spruce Goose at Evergreen International Air and Space Museum, to Pearson Air Museum's own DH-4 Liberty.



### DR. BOB CROMWELL

Acting Chief Ranger of Fort Vancouver NHS, will present **New Research on Pearson Field's US Army Air Service 321st Observation Squadron 1921-1942**: Newly acquired files from the US National Archives, as well as photos and records from the national park's collection. Dr. Cromwell will present an overview of the activities, people, and planes associated with this little-known or researched Army Reserve Observation Squadron.



TEX RANKIN THEATER  
Pearson Air Museum  
1115 East Fifth Street,  
Vancouver, WA 98661



In the 2017 Aviation Lecture Series at Pearson Air Museum, titled To the Top of the Atmosphere and Beyond, four speakers will make connections between the past and the present, and between aviation and historic events of global importance. "This is the second year of our annual aviation-themed lecture series at Pearson Air Museum," said Dr. Cromwell, "It continues to build on the success of last year's lectures, with a wide variety of topics revolving around the exploration of flight."