



UNIVERSITY
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MĀNOA

Department of Atmospheric Sciences Seminar Announcement

Department of Atmospheric Sciences, S.O.E.S.T., University of Hawai'i at Mānoa
2525 Correa Road, HIG 350; Honolulu, HI 96822 ☎956-8775



SEMINAR TITLE:

Air Force Weather Modeling Overview

Dr. Robert T. Swanson, Jr.

Colonel, US Air Force, Retired

Date: Wednesday, February 24, 2016
Refreshments: 3:00pm at MSB courtyard
Free Cookies, Coffee & Tea Provided
Seminar Time: 3:30pm
Location: Marine Sciences Building, MSB 100

Biography:

Colonel Robert “Rob” Swanson is Chief, Weather Strategic Plans and Interagency Integration Division, Directorate of Weather, Deputy Chief of Staff, Operations, Headquarters U.S. Air Force, Washington, D.C. The Division plans weather, climate and space environmental support for the Air Force Weather functional area and oversees integration of technology and weather into C4I and modeling systems.

Colonel Swanson earned his commission through the Airman Education and Commissioning Program graduating Summa Cum Laude from Texas A&M University. He enjoys a diverse background that includes prior enlisted time, two Air Force Institute of Technology tours culminating in MS and PhD degrees, joint, coalition and special operations assignments, and a series of rigorous leadership, scientific, teaching and staff positions.

While deployed to Afghanistan as the Chief Meteorological Officer for the International Security Assistance Force, Colonel Swanson led 170 international troops across 58 locations delivering expert weather support enabling over 42,000 sorties, 700 ground ops and 1,000 troops in contact events in support of Operation HAMKARI – the largest/most decisive surge to date. While there, he was hand-picked to lead the Secretary of Defense’s \$850M Persistent Surveillance Systems Operation ENDURING FREEDOM deployment.

Previously, as the Commander of the 607th Weather Squadron in the Republic of Korea, he led combined weather operations during North Korea nuclear and missile tests/crises. As executive officer to the PACAF Director of Operations, he led support for tsunami-ravaged Indonesia and south Asia.

Finally, as Director of Operations for the 17th Operational Weather Squadron he led the unit to full operational capability while supporting vital Operations IRAQI and ENDURING FREEDOM missions, presidential and Secretary of Defense support, typhoon evacuation, as well as intelligence, surveillance and reconnaissance mission support across the entire Pacific Command.