

San Diego FAASTeam presents:

Fatigue and Sleep Deprivation Impacts on Pilot Performance

NOTICE: This lecture is the same each day and will be conducted on your choice of a Wednesday 11/20, Thursday 11/21, Friday 11/22, or Saturday 11/23.

There are no restrictions or prerequisites on who may attend. Open to anyone interested. If you wish to receive WINGS credits for this course, register on this Spans Announcement and be sure to initial your name at check in when you attend.

The same presentation is given every day from 5:00 pm to 6:00 pm.

Registration Sign Up for individual Fatigue Brief time slots via:

<http://prote-fatigue.youcanbook.me>

Join us to hear Dr. Wright speak to us about the impact of fatigue on aviation safety including a case study of a famous mishap which was caused by aircrew fatigue. There will also be a short look at sleep deprivation studies concerned with human (cognitive) performance, and then we will conclude with a discussion of some fatigue countermeasures.

Doctor Bruce Wright is an Aerospace Physiologist with the Federal Aviation Administration, Civil Aerospace Medical Institute (FAA-CAMI) in Oklahoma City, Oklahoma. His current position is with the Aerospace Medical

Event Details

Wed, Nov 20, 2019 - 17:00 PST

High Performance Aircraft

1850 Joe Crosson Dr # I

El Cajon, CA 92020



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Select #: WP0996583

FPM R.S. "Steve" Nelson

Education Division (AAM-400) which is responsible for conducting Aviation Medical Examiner (AME) training for physicians from around the world, and medical personnel from the U.S. military and other federal agencies. AAM-400 also trains airmen in global survival and how to manage physical and psychological stresses of flight such as hypoxia, spatial disorientation, fatigue, and dehydration.

Prior to joining FAA-CAMI, Dr. Wright served as a civilian Senior Research Physiologist with the USAF School of Aerospace Medicine, at Wright-Patterson Air Force Base in Dayton, Ohio. Prior to that, he was an Air Force Aerospace Physiologist and he retired as a Lieutenant Colonel after 22 years of service.

Bruce earned the Doctor of Philosophy Degree, and the Master of Science Degree from Texas A&M University in College Station, TX. His Bachelor of Science Degree is from the University of Illinois at Urbana-Champaign, IL. He is board certified in Aerospace Physiology through the Aerospace Medical Association. He is a private pilot with an instrument rating who is presently building his second experimental aircraft (RANS S-7S), and is a member of the Aerospace Medical Association, Aerospace Physiology Society, Experimental Aircraft

Association, and the Aircraft Owners and Pilots Association.

There will be time for Q&A after the presentation.

Links to Academic Lectures:

Hypoxia training --

https://www.faa.gov/SPANS/event_details.aspx?eid=96581&caller=/SPANS/events/ModifyEventList.aspx?type=1

Impacts of Fatigue and Sleep Deprivation on Pilot Performance

–https://www.faa.gov/SPANS/event_details.aspx?eid=96583&caller=/SPANS/events/ModifyEventList.aspx?type=1

Link to PROTE Training:

Portable Reduced Oxygen Training Enclosure --

https://www.faa.gov/SPANS/event_details.aspx?eid=92648&caller=/SPANS/events/ModifyEventList.aspx?type=1

Directions: Flying in? - Park at the main Airport Terminal Transient area. Exiting the Terminal onto Joe Crosson Drive and a short walk to the South will take you to High Performance Aircraft.

Driving? - Parking is limited so carpooling is greatly appreciated. There is limited parking at High Performance parking lot. There is some parking curbside on the street. Additional overflow parking can be found a short walk away to the North at the Terminal Building and to its East.

A message from the National FAASafety Team Manager

Earn your WINGS to get a chance to win a cash prize. Go to
www.mywingsinitiative.org
for more info.

Join us on Facebook: <https://www.facebook.com/groups/GASafety/>

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The FAA Safety Team (FAASafety Team) is committed to providing equal access to this meeting/event for all participants. If you need alternative formats or services because of a disability, please communicate your request as soon as possible with the person in the "Contact Information" area of the meeting/event notice. Note that two weeks is usually required to arrange services.