

Your Invitation to Attend...
Readiness and Performance:
Optimizing the 21st Century Warfighter



Workshop Sponsor: Air Force Research Lab, Human Effectiveness Directorate
Workshop Chair: Dr. Herbert H. Bell
Workshop Host: Cognitive Engineering Research Institute
Dates: February 27, 2008 - Evening Welcome Reception (cash bar)
February 28-29, 2008 – 2 day workshop (8 am – 5pm)
Location: The Arizona Golf Resort in Mesa, Arizona
R.S.V.P. by: February 4, 2008

The strategic value of optimizing the human is critical as asymmetric warfare, coupled with the increasing availability of both commercial and military technologies, erodes our traditional technological and economic advantages over potential adversaries. The biological, cognitive, neural sciences combined with information and nanotechnologies offer the potential of significant gains in warfighter readiness and performance through expanded sensory and cognitive capacities, improved learning and memory, better human systems integration, and increased resistance to the effects of fatigue and stress. Potential payoffs for mission readiness and performance include faster learning with less forgetting; improved work efficiency; better selection and assignment of personnel; and higher levels of cognitive and physical performance under persistent, demanding conditions.

The Air Force Research Laboratory has identified human performance optimization as a key component of its long-term strategic plan. At this workshop, select attendees from various disciplines will help us identify various scientific and technological paths to optimizing the mission readiness and mission performance of our warfighters.

Through panel discussions and breakout sessions, we would like to meet the following objective:

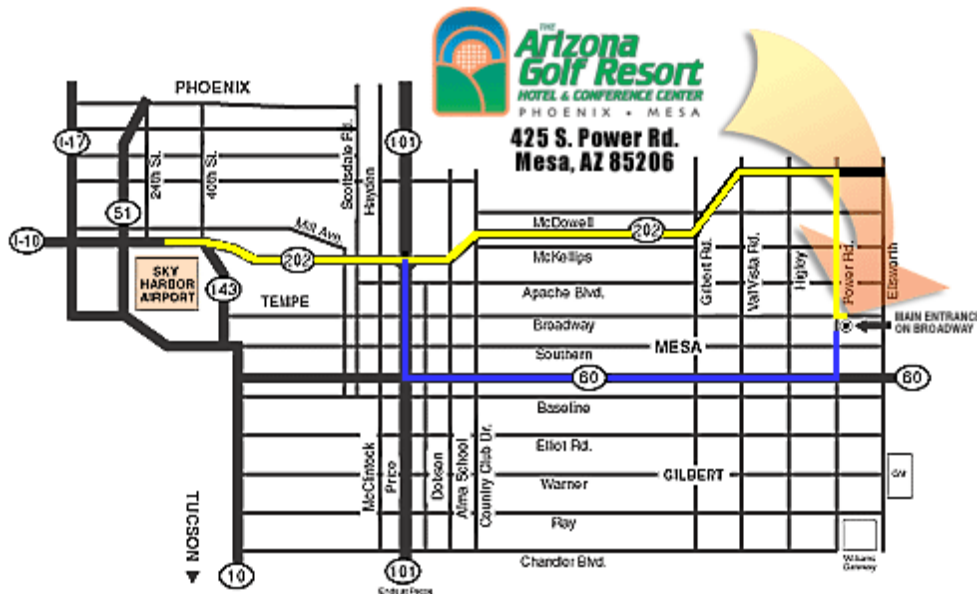
Capture current state of the art in human performance optimization. Outline a potential multi-disciplinary SCIENCE AND TECHNOLOGY strategy for developing and demonstrating methods to optimize human performance between 2012 and 2030. Tasks to include:

- Identify the broad categories of non-medical SCIENCE AND TECHNOLOGY that will bring our warfighters to new levels of readiness and performance.
- Review current state of the art and identify specific mid- and long-term SCIENCE AND TECHNOLOGY gaps in achieving enhanced readiness and performance.
- Identify and assess potential benefits offered by specific SCIENCE AND TECHNOLOGY investments in human performance technologies.
- Review and document metrics for evaluating the effectiveness of various technologies for optimizing human performance in terms of mission readiness and performance.

*To confirm your attendance, please contact event coordinator, Tonya Branaghan, at
Cognitive Engineering Research Institute by **February 4, 2008.**
Phone: 480-988-7306 E-mail: tbranaghan@cerici.org*

The Human Performance Optimization Workshop will be held at **The Arizona Golf Resort**, located at 425 S. Power Road in Mesa, Arizona on February 27-29, 2008. (www.azgolfresort.com)

- Reservations can be made by calling **800-528-8282** or **480-832-3202**
- Please reference the **AFRL/Bell workshop** to be guaranteed the group (government per diem) rate of \$156.00 + tax. *Please make your reservation before February 4, 2008 as the group block will be released and reservations will be accepted on a space available basis only.*
- This rate includes a complimentary Buffet Breakfast each morning.
- Check-in time 3:00 pm and check-out is 12 noon.



Directions to the Arizona Golf Resort from Phoenix Sky Harbor Airport

(approximate driving time: 30 minutes)

1. Route to the AZ Golf Resort: Take 202 East (Tempe/Mesa) 18 miles to Power Road, south (right) to Broadway Road. Go east (left) on Broadway to the Resort main entrance, approximately 800 feet on the right.
2. Route to the AZ Golf Resort: Take the 202 East to the 101 South, then to the 60 East (Globe/Mesa). Exit onto Power Road (Exit 188), then turn north (left) on Power Road. Go approximately 1.5 miles north to Broadway, turning east (right) onto Broadway, then approximately 500 feet to the Resort main entrance on the right.

Ground Transportation:

Super Shuttle Van Service is available for individual transfers from Sky Harbor Airport to the Resort. Look for the Van Service signs at the terminal. Reservations are not required for arriving passengers. Fare is currently \$19 per person, one way. Reservations are required 24 hours in advance of departure for guests returning to the Airport via Super Shuttle. A Front Desk Agent will assist you. **Super Shuttle** may be reached at **800-258-3826 (1-800 BLUE-VAN)** or locally at **602-244-9000**

T & T Airport Transportation is available for non-stop, personal airport transfer service to the Resort. The current charge for personalized "Meet & Greet" Service is \$45 for up to four passengers per car with luggage. The driver will meet you at the baggage area and assist with luggage. Vans are also available through T & T for larger groups. Advance reservations are required. Please call 480-832-3483 or email TTAPSERVICE@AOL.COM for reservations and rate confirmation.