



BIOGRAPHY

Patrick A. Mason, Ph.D.
Director, Human Performance, Training, and
BioSystems Directorate



Dr. Patrick Mason is a member of the Senior Executive Service and serves in the Office of the Assistant Secretary of Defense for Research and Engineering. His responsibilities include providing technical leadership, management oversight, policy guidance, and coordination for over \$3B in research and engineering programs in the DoD to ensure that these areas are focused, relevant, and capable of satisfying current and anticipated defense needs. Dr. Mason has purview over a broad range of research areas, including human performance, human factors, human-system integration, medical and life sciences, biometrics, language, combat feeding, training, civil engineering, environmental sciences, and chemical and biological defense. He chairs DoD panels, boards and committees and is the DoD Principal on the National Science and Technology Council's (NSTC) Committee on Environment and Natural Resources. He co-Chairs the NSTC's Subcommittee on Human Factors and the Subcommittee on Toxics and Risks, as well as being the DoD representative on other DoD and White House panels. Dr. Mason is also responsible for oversight of the DoD's animal and human use policy and regulatory affairs programs.

Dr. Mason began his association with the DoD in 1990 as an in-house contract researcher at Brooks AFB investigating the biological effects of exposure to directed energy. In 2000, he became a civil servant and served as the science director for the Active Denial System bioeffects project and then as the science director for the Air Force Research Laboratory, Human Effectiveness Directorate, Directed Energy Bioeffects Division, Radio Frequency Radiation Bioeffects Branch (AFRL/RHDR). In 2006, he became the Special Assistant to the AFRL/RH Chief Scientist at WPAFB. In 2007, he became the Program Element Monitor for the Human Effectiveness portfolio in the Office of the Air Force Deputy Assistant Secretary for Science, Technology, & Engineering (SAF/AQR) at the Pentagon. For the next two years, he split his time between the Pentagon and WPAFB. In 2009, he accepted a full-time billet within SAF/AQR and became the Chief of the Strategic Planning Branch and spearheaded the efforts to develop the Flagship Capability Concepts process and Air Force Science & Technology Strategy document. In 2011, he was selected as the Director of the Human Performance, Training, and BioSystems Directorate.

EDUCATION

1980	B.A in Biology, University of California at San Diego
1980	B.A.in Psychology, University of California at San Diego
1985	Ph.D. in Physiological Psychology, McGill University, Canada
1986 - 1989	Postdoctoral Fellow in Clinical Pharmacology, University of Colorado

SIGNIFICANT TRAINING

2006	Air War College – Seminar
2007	Senior Executive Fellows – Harvard University – JFK School of Government
2011	DoD Joint Executive Management Program
2011	APEX Orientation Program

CAREER CHRONOLOGY

1990 - 2006	Research Neuroscientist – AFRL/RHDR
2006 - 2007	Office of the Chief Scientist – AFRL/RH
2007 - 2009	Office of the Chief Scientist – AFRL/711 th Human Performance Wing
2007 - 2009	Program Element Monitor for the Human Effectiveness Portfolio – SAF/AQR
2009 - 2010	Chief, Strategic Planning Branch – SAF/AQR
2011 - present	Director, Human Performance, Training, and BioSystems Directorate

CERTIFICATIONS

Systems Planning, Research, Development, and Engineering – Level III
Member of the Defense Acquisition Corps

AWARDS AND HONORS

Air Force Meritorious Civilian Service Award (2011)
Air Force Exemplary Civilian Service Award (2008)
Air Force – John L. McLucas Basic Research Award - Honorable Mention (2005)
Air Force Research Laboratory Commander's Cup – Active Denial Technology Team (2004)
Air Force Association Texas - Air Force Research Laboratory Scientist of the Year (2004)
Air Force Research Laboratory - Harry G. Armstrong Scientific Excellence Award (2004)

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

Senior Executives Association (2011⁺)
Air Force Association (AFA) (2004⁺)
American Institute for Medical and Biological Engineering (AIMBE) (2007⁺) (Fellow status)
American Association for the Advancement of Science (AAAS) (2007⁺)
Bioelectromagnetic Society (BEMS) (1990⁺)
Directed Energy Professional Society (DEPS) (2004⁺)
Society for Neuroscience (SfN) (1983⁺)

PUBLICATIONS

73 Peer-reviewed scientific publications

(Current as of September 2011)