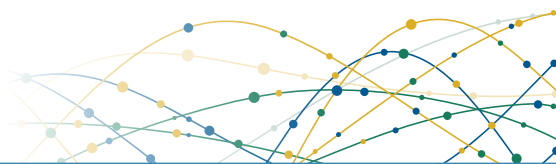


Board on Human-Systems Integration



DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION

In an ever more complex technologically oriented society, the need for understanding the relationship between humans and their technologies and environments could not be greater and the need for having evidence-based, independent guidance to solve society's problems is of utmost importance.

The Board on Human-Systems Integration (BOHSI) provides that expert advice to the nation by providing new perspectives on theoretical and methodological issues concerning the relationship of individuals and organizations to technology and the environment. Through its work, BOHSI identifies critical issues in the design, test, evaluation, and use of new human-centered technologies and advises sponsors on the research needed to expand the scientific and technical bases for designing technology to support the needs of its users. In addition, BOHSI's expertise covers a wide range of areas including human-factors engineering, cognitive psychology, industrial and organizational psychology, sociology, biomechanics, computer-science decision making, training, and technology.

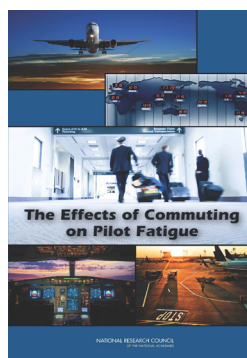
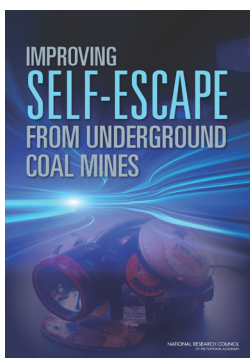
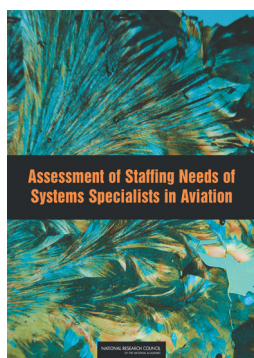
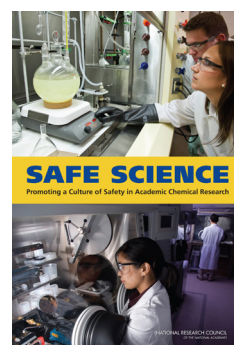
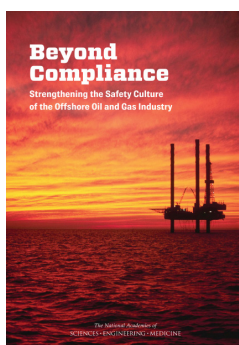


HISTORY

BOHSI was originally established in 1980 as the Committee on Human Factors and later renamed the Committee on Human-Systems Integration. In 2010, the committee transitioned to the Board on Human-Systems Integration with five core sponsors— Air Force Research Laboratory; Human Factors and Ergonomics Society; National Aeronautics and Space Administration; Office of Naval Research; and U.S. Army Research Laboratory.

REPORTS

BOHSI has issued a broad array of consensus studyreports and proceedings that bring science to bear on problems and questions faced by researchers, policy makers, and practitioners in a range of domains. The most recent BOHSI publications are shown below. For a complete list of BOHSI publications, please visit: www.nationalacademies.org/BOHSI.



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

RECENT AREAS OF STUDY

- Engineering Education
- Medical Records and Devices
- Mining Safety
- Remotely Operated Vehicles
- Health, Safety, and Performance
- Human-Centered Design
- Industry and Workforce Staffing and Systems
- Military and Government
- Research and Evaluation

CURRENT & FORMER SPONSORS

- Air Force Research Laboratory
- Federal Aviation Administration
- Human Factors and Ergonomic Society
- National Aeronautics and Space Administration
- National Institute of Standards and Technology
- National Institute for Occupational Safety and Health
- National Oceanic and Atmospheric Administration
- Office of Naval Research
- U.S. Army Research Laboratory

HOW TO CONTACT US

Board on Human-Systems Integration
Toby Warden, Ph.D.
Board Director
500 5th St., NW
Washington, DC 20001
Phone: 202-334-3453
Email: mwarden@nas.edu
www.nationalacademies.org/BOHSI

To download or purchase publications:

www.nap.edu
1-888-624-8373



BOHSI BOARD MEMBERS

PASCALE CARAYON, *Chair*, University of Wisconsin–Madison; **JAMES BAGIAN** (NAE, NAM), University of Michigan; **DIANA BURLEY**, George Washington University; **BARBARA DOSHER** (NAS), University of California, Irvine; **MICA R. ENDSLEY**, SA Technologies; **ED ISRAELSKI**, AbbVie; **NAJMEDIN MESHKATI**, University of Southern California; **FREDERICK L. OSWALD**, Rice University; **EMILIE M. ROTH**, Roth Cognitive Engineering; **WILLIAM J. STRICKLAND**, Colonel, USAF (Retired); **MATTHEW WEINGER**, Vanderbilt University

Division of Behavioral and Social Sciences and Education

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

The nation turns to the National Academies of Sciences, Engineering, and Medicine for independent, objective advice on issues that affect people's lives worldwide.

www.national-academies.org