

# Board on Human-Systems Integration



DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION

The Board on Human-Systems Integration (BOHSI) is a standing board of the National Academies of Sciences, Engineering, and Medicine that provides expert advice to the nation on scientific issues to advance understanding of the relationship between humans and their technologies and environments. BOHSI provides evidence-based, independent guidance to a variety of federal sponsors so that technologies and systems are designed with users' needs in mind.



The Board provides new perspectives on theoretical and methodological issues concerning the relationship of individuals and organizations to technology and the environment; 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. Committee member 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.

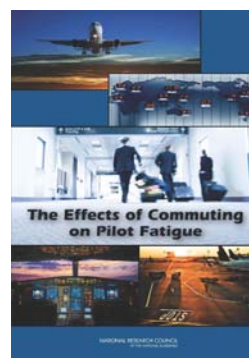
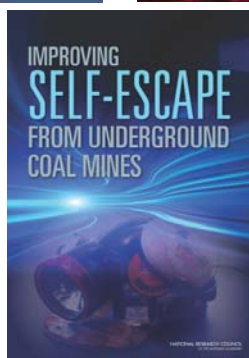
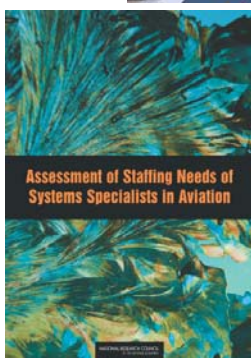
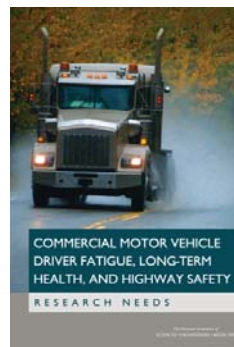
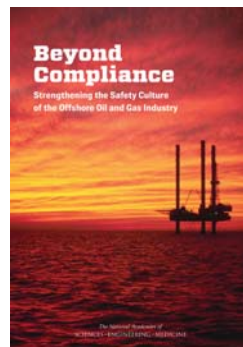
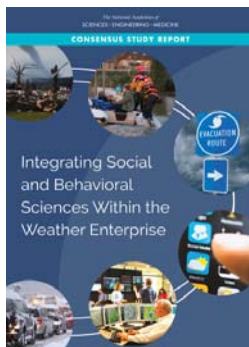
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## HISTORY

The Board 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—the Human Factors and Ergonomics Society; the Office of Naval Research; the U.S. Air Force Research Laboratory; the U.S. Army Laboratory; and the National Aeronautics and Space Administration.

## REPORTS

BOHSI has issued a broad array of consensus reports and workshop proceedings that bring science to bear on problems and questions faced by researchers, policymakers, 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](http://www.nationalacademies.org/BOHSI).



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## RECENT AREAS

- 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

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

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## Division of Behavioral and Social Sciences and Education

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