

# JESSE M. EHRENFELD, MD, MPH

Senior Associate Dean and Director  
Advancing a Healthier Wisconsin Endowment  
Professor, Anesthesiology  
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Dr. Ehrenfeld leads the Advancing a Healthier Wisconsin Endowment (AHW) toward fulfilling its vision of ensuring that Wisconsin becomes the healthiest state in the nation. He leads all strategy and operations while guiding the development and implementation of the AHW strategic plan. Dr. Ehrenfeld engages in consensus-building across all stakeholders and community partners to broaden program impact throughout the state and to enhance the translation of knowledge into community practice. He is responsible, together with the Consortium on Public and Community Health, Research and Education Advisory Committee, MCW Board of Trustees, and, under the guidance of the Order of the Insurance Commissioner, for ensuring that AHW remains focused on the goal of improving the health of Wisconsin residents through sustained dedication to its mission of serving as a catalyst for positive change in the health of Wisconsin communities.

## EXPERIENCE

A nationally renowned anesthesiologist, Dr. Ehrenfeld is an innovative leader in the fields of biomedical informatics, health equity, and medical education. He was elected to the American Medical Association (AMA) Board of Trustees in 2014 and currently serves as chair of the AMA. He is a fellow of the American Society of Anesthesiologists (FASA) and the American Medical Informatics Association (FAMIA).

Dr. Ehrenfeld previously served as Joseph A. Johnson, Jr., Distinguished Leadership Professor; professor of anesthesiology and professor of biomedical informatics at the Vanderbilt University School of Medicine in Nashville, Tennessee. He was also professor of surgery; professor of health policy; associate director of anesthesiology and Perioperative Informatics Research Division; director of education research in the Office of Health Sciences Education, and director of the Program for LGBTQ Health.

Dr. Ehrenfeld was an assistant professor, Department Anesthesiology, Critical Care and Pain Medicine, Harvard Medical School in 2010. From 2010-2012, he was an assistant professor in the Departments of Anesthesiology and Biomedical Informatics at Vanderbilt University School of Medicine (VUSM). He served as associate professor in the Departments of Anesthesiology, Biomedical Informatics, Surgery and Health Policy at VUSM from 2012-2017, when he was promoted to professor. Dr. Ehrenfeld also has an appointment as an adjunct professor of surgery at the Uniformed Services University of the Health Sciences (Bethesda, Md.) and previously served as co-chair of the Navy Surgeon General's Taskforce on Personalized and Digital Medicine and as special advisor to the 20th U.S. Surgeon General.

For the past decade, Dr. Ehrenfeld has been a strong advocate for health equity. In 2017, he received the Diversity Champion Award from the Tennessee Hospital Association. In 2018, in recognition of his outstanding research

contributions, he received the inaugural Sexual and Gender Minority Research Investigator Award from the Director of the National Institutes of Health (NIH).

Dr. Ehrenfeld is a combat veteran and former U.S. Navy Commander who deployed to Afghanistan during both Operation Enduring Freedom and Resolute Support Mission. For his work in capturing photographs and supporting the lives of LGBTQ people, Dr. Ehrenfeld was recognized in 2015 with a White House News Photographers Association award and, in 2016, with an Emmy nomination.

## RESEARCH

Dr. Ehrenfeld's research, which focuses on understanding how information technology can improve patient safety, outcomes, and health equity, has been funded by the NIH, the Department of Defense, the Robert Wood Johnson Foundation, the Anesthesia Patient Safety Foundation, the Foundation for Anesthesia Education and Research, and the AMA. The unifying theme of his work has been to comprehend the science behind how technology can change behavior, reduce variability, and facilitate improved health system reliability and performance. His work has led to the presentation of more than 250 abstracts as well as the publication of more than 200 peer-reviewed manuscripts. He is editor-in-chief of the Journal of Medical Systems and has co-authored 18 clinical textbooks that have been translated into multiple languages. A consultant to the World Health Organization (WHO), Dr. Ehrenfeld provides technical expertise to the WHO Digital Health Technical Advisory Group. He has also been a participant in the National Academy of Medicine's Systems Engineering for Health Innovation Collaborative.

## EDUCATION AND TRAINING

Dr. Ehrenfeld earned a Bachelor of Science degree from Haverford College (Haverford, Penn.) in 2000. He received his MD degree from the University of Chicago Pritzker School of Medicine in 2004 and a Master of Public Health degree from the Harvard University School of Public Health (Boston, Mass.) in 2009. From 2004-2005, Dr. Ehrenfeld completed an internship in Medicine at Massachusetts General Hospital (Boston, Mass.) and a residency in Anesthesiology, Department of Anesthesiology, Critical Care and Pain Medicine there from 2005-2008. Dr. Ehrenfeld also completed an informatics research fellowship at Massachusetts General Hospital from 2008-2010.

**“There is incredible power in the integration of medicine and public health. AHW is unique in its ability to influence a range of activities, from the molecular to the population level, while leveraging the capabilities of an extraordinary academic medical center and set of community partners.”**

**-Dr. Jesse M. Ehrenfeld**

