

Alcohol at Sea

Committee

Joshua M. Sharfstein

Chair

JOSHUA M. SHARFSTEIN (he/him/his) is professor of the practice in health policy and management at the Johns Hopkins Bloomberg School of Public Health, where he also serves as vice dean for public health practice and community engagement and as director of the Bloomberg American Health Initiative. A pediatrician by training, he is a former health commissioner of Baltimore, principal deputy commissioner of the U.S. Food and Drug Administration, and health secretary of Maryland. Sharfstein is the author of *The Public Health Crisis Survival Guide: Leadership and Management in Trying Times* (2018), and the co-author of *The Opioid Epidemic: What Everyone Needs to Know* (2019), both from Oxford University Press. He is an elected member of the National Academy of Medicine and the National Academy of Public Administration.

Claudine S. Bradley

Member

CLAUDINE BRADLEY (she/her/hers) is technical leader - human and organizational factors for the Canada Energy Regulator (previously the National Energy Board of Canada), which is Canada's federal agency responsible for regulating international and interprovincial aspects of the oil, gas and electric utility industries. She provides leadership and counsel on management systems, safety culture and other system safety matters related to activities under the jurisdiction of the Canada Energy Regulator (CER). Bradley is currently chair of the North American Regulators Working Group on Safety Culture and vice-chair of the Canadian Standards Association Z662 Technical Sub-Committee on Management Systems. Prior to joining the CER, She spent 17 years in the aviation industry where she led various airline safety, training, and operations teams. Bradley's work in the private sector included the development and implementation of safety management systems, air crew training, human factors initiatives, quality programs, and flight operations' regulatory compliance. She holds a B.A. political science degree from McGill University, a M.S. in leadership from Royal Roads University, and a M.S. and Ph.D. in human and organizational systems from Fielding Graduate University. Bradley's doctoral studies focused on safety culture in high hazard industries and regulator safety (oversight) culture research. She has previously served as a committee member with the National Academies of Sciences, Engineering, and Medicine and the Transportation Research Board.

Livingstone D. Caesar

Member

LIVINGSTONE CAESAR (he/him/his) is an assistant professor of business analytics at Texas A&M University in Galveston. He works with the Maritime Business Administration Department, lecturing in business statistics, maritime business analytics, maritime economics and research methods. Before joining the Texas A&M University at Galveston,, Caesar was an associate professor of management and entrepreneurship at the Swiss Business School (Zurich). During that time, he was also the director for the Doctor of Business Administration (D.B.A.) and Doctor of Business Leadership (D.B.L.) Programs. He helped design and accredited the Ph.D. in Business Administration program. Caesar also worked briefly as a consultant research scientist on European Union grant projects at Ghana's Council for Scientific and Industrial Research. His research interests include human capital issues applying big data and machine learning techniques to maritime business and transport issues. Caesar is a Decision Science Institute member and the International Association of Maritime Economists member. He holds a Ph.D. in management and commerce from the University of Tasmania (specifically the Australian Maritime College), Australia. Caesar's Ph.D. work focused on the human capital issues within the global maritime industry.

Martha R. Grabowski

Member

MARTHA GRABOWSKI (she/her/hers) is the McDevitt Distinguished Chair in Information Systems; director of the Poland Center for Research and Teaching Innovation; chair of the Management, Leadership & Information Systems Department, and professor and director of the Information Systems program in the Madden College of Business & Economics at Le Moyne College. She is also a senior research scientist in the Department of Industrial & Systems Engineering at Rensselaer Polytechnic Institute. Grabowski's research focuses on the impact of technology on individuals, groups and organizations in complex, safety-critical systems. Her current research includes (a) using advanced data analytics and visualizations with large-scale data to assess safety and environmental security; (b) exploring the impact of multimodal wearable augmented reality displays on operator performance, communication, situation awareness and mobility in safety-critical systems; (c) assessing the impact of autonomous uncrewed aerial systems (UAS [drones]) on communication, logistics and emergency response systems in healthcare logistics, supply chains, manufacturing, Arctic search and rescue, and in infrastructure-poor settings; and (d) modeling and analyzing the effects of communications, infrastructure, technology and climate changes on emergency response and mass rescue capabilities in the Arctic. Grabowski has testified before Congress regarding the U.S. Coast Guard's needs in Arctic safety, security and environmental responsibility. She is a member of the American Bureau of Shipping; and a member of the City of Syracuse's Surveillance Technology Task Force. Grabowski received a B.S. in marine transportation/nautical science from the U.S. Merchant Marine Academy, and an M.B.A., an M.S. in industrial engineering, and a Ph.D. in management/information systems from Rensselaer Polytechnic Institute. She is an elected member of the National Academy of Engineering, has been chair (for two tours) on the National Academies of Sciences, Engineering, and Medicine's Transportation Research Board (TRB)/Marine Board, and has chaired or served on ten different National Academies' studies. Grabowski most recently served on the National Academies of Science's committee studying U.S. Coast Guard statutory authorities in light of new and emerging challenges in the maritime environment. She has received the W.N. Carey, Jr. Distinguished Service Award from the TRB and is a Lifetime National Associate of the National Academies.

Robyn L. Hacker

Member

ROBYN HACKER (she/her/hers) is an assistant professor of psychiatry with the Behavioral Health and Wellness Program at the University of Colorado (CU) Anschutz Medical Campus. She is a licensed psychologist and licensed addiction counselor who works with communities, organizations, and individuals to improve quality of life by facilitating evidence-based health behavior change. Hacker previously directed The Professionals Program at CeDAR and was the clinical manager for COLAP, a division of the Colorado Supreme Court. Her interests focus at the intersect of substance use disorders (SUDs), trauma, and other co-occurring disorders, and her research has spanned criminal justice related topics, SUDs, treating safety-sensitive professionals, and the evaluation of technology-based interventions. Hacker received the Outstanding Dissertation Award from Division 18 of the American Psychological Association and a Growth and Development Fund Award from CU for her work on DEFUSE, an asynchronous evidence-based de-escalation training developed specially for law enforcement. She completed B.S. degrees in criminal justice and psychology at Loyola University Chicago, a Ph.D. in counseling psychology at Arizona State University, and pre- and post-doctoral fellowships in forensic addiction psychology at Yale School of Medicine. Hacker also served on the National Academies of Sciences, Engineering, and Medicine committee that made recommendations for substance misuse programs in commercial aviation.

Songqi Liu

Member

SONGQI LIU (he/him/his) is a professor of management in the Robinson College of Business at Georgia State University and a program director at the National Science Foundation. His research has appeared in premier management and psychology journals, including Academy of Management Journal, Journal of Applied Psychology, and Psychological Bulletin, which covered areas including newcomer onboarding and socialization, job search and employment, adaptive and maladaptive coping of individuals and teams (e.g., work-related alcohol and cannabis use). Liu's research uncovered the role of work group, client, and cohort norms on employee alcohol use and misuse and their consequences. His work has been widely recognized, as exemplified by two grant awards from the National Science Foundation and numerous additional awards including the Society for Industrial and Organizational Psychology (SIOP) William A. Owens Scholarly Achievement Award, SIOP Small Grant Award, and Personnel Psychology Best Article Award. Liu is currently serving as a consulting editor for the journal Work, Aging and Retirement, co-editing a special issue of Personnel Psychology on employee social networks and networking, and serving on multiple journal editorial boards. He received his Ph.D. in industrial and organizational psychology from the University of Maryland, College Park.

Vicki J. Magley

Member

VICKI MAGLEY (she/her/hers) is a professor in the Department of Psychological Sciences at the University of Connecticut. Her research combines both organizational and feminist perspectives in the study of workplace sexual harassment and incivility and often results from consulting with organizations (e.g., World Bank Group, institutions of higher education) and federal agencies (e.g., Army, Air Force, US Department of Interior) in understanding their climate of mistreatment and in evaluating interventions designed to alter that climate. Magley is currently chair of the Advisory Committee working with the Action Collaborative on Ending Sexual Harassment in Higher Education. She received her Ph.D. in social and organizational psychology from the University of Illinois at Urbana-Champaign. Magley testified to the Department of Defense Judicial Proceedings Panel and the National Academies of Sciences, Engineering, and Medicine's Committee on the Status of Women on the impact of sexual harassment, how feared retaliation inhibits reporting, and the (unfortunate) lack of efficacy of sexual harassment awareness training programs. She was one of the research experts in the 2018 National Academies consensus study on ending sexual harassment in academia. She has been involved in two follow-up activities to this consensus study by chairing a follow-up workshop on intervention evaluation.

Kirsten R. Martin

Member

KIRSTEN MARTIN (she/her/hers) Martin retired after 30+ years in the U.S. Coast Guard (USCG) with career fields in both marine prevention and personnel management. Her last duty station was at the USCG National Maritime Center (NMC) where she served as the commanding officer. There, Martin led a team of over 325 personnel responsible for the issuance of credentials to over 200,000 U.S. merchant mariners. NMC is responsible for all aspects of mariner licensure including professional qualifications, training & education, suitability (background checks), and physical fitness requirements. Prior to that, she served as the maritime safety and security advisor to the secretary of transportation (Foxy) and was the CG liaison to the Department of Transportation (DOT). Duties included extensive collaboration with DOT officials and Departments on all maritime transportation issues. Key topics included the U.S. Merchant Marine Academy, the six state maritime academies, the marine highway program, and transportation and logistics in the Arctic. In addition, Martin served as the Secretary's representative on the Committee on the Marine Transportation System and the Chesapeake Bay Executive Council. As a Marine Inspector, she was responsible for the field level safety inspections and compliance verifications of commercial vessels/mariners on the Atlantic, Pacific and Great Lakes waters. Martin also held numerous USCG headquarter positions focused on regulatory and policy development.

Amie R. Newins

Member

AMIE NEWINS (she/her/hers) is an associate professor in the Department of Psychology at the University of Central Florida (UCF). At UCF, she also serves as the associate director of clinical training for the Clinical Psychology Ph.D. program, the director of the Center for Research and Education on Sexual Trauma at UCF RESTORES, and the director of clinical operations for the Rosengren Trauma Clinic at UCF RESTORES. Newins' research broadly focuses on trauma and substance use. Specifically, she is interested in risk factors for and psychosocial outcomes of sexual trauma, treatments for trauma-related disorders, and the associations between trauma and substance use. Newins has also conducted research on risk alcohol use behaviors. She has received contract and grant funding from the Department of Defense (Joint Warfighter Medical Research Program, Army Medical Research Program, and Department of the Army, Materiel Command) and the State of Florida Department of Children and Families. She received the Rising Stars Award from the Association for Psychological Science and she is a member of the Association for Behavioral and Cognitive Therapies. She received her B.A. in psychology from Mercer University and her M.S. and Ph.D. in clinical psychology from Virginia Tech. She completed her predoctoral clinical internship at the Durham VA Medical Center and her postdoctoral fellowship at the VISN 6 Mental Illness Research, Education, and Clinical Center at the Durham VA Medical Center.

Martín-Josè Sepúlveda

Member

MARTÍN-JOSÉ SEPÚLVEDA (he/him/his) is an IBM Fellow, elected member of the Connecticut Academy of Science and Engineering, and the Florida Academy of Science, Engineering and Medicine. He is distinguished university professor and senior scholar for population health and innovation in the Office of Research and Economic Development, at Florida International University. Sepúlveda is also chief executive officer of CLARALUZ LLC, a health, data, technology and analytics consulting firm serving Fortune 500 and health technology start-up companies. Prior to this, he served as IBM vice president both in Human Resources and the Research Division, and led health and well-being policy, strategy, design, analytics and operations for IBM globally. Sepúlveda serves on Boards of Advisors for the: University of Pennsylvania School of Nursing, University of Pennsylvania Eidos LGBTQ+ Health Initiative, University of Iowa College of Public Health, Council for Health Research for Development, and the Harvard Center for Work, Health and Well-being. He is an elected member of the National Academy of Medicine and is currently chair of the Health Services Administration, Education, Research and Policy Section of the National Academy of Medicine.

Martin D. Slade

Member

MARTIN SLADE (he/him/his) has led the research efforts of Yale Occupational and Environmental Medicine program for over a decade. He is the founder and director of research for Yale University's Maritime Research Center whose mission is promote the wellbeing of mariners and seafarers, an underrepresented working population of nearly two million people. Slade's research continues to identify underlying factors associated with illness and injury within this essential workforce. He is currently working with maritime organizations to develop interventions to increase seafarer wellness and to evaluate their effectiveness. Additionally, Slade has formed a formal partnership between Yale University and the National Institute for Occupational Safety and Health Center for Maritime Safety and Health Studies. He received the Alex Poljak Memorial Award for Innovation, awarded by the Yale Occupational & Environmental Medicine Program.; he also received the Richard Kalish Innovative Publication Article Award from the Gerontological Society of America and Baywood Publishing on behalf of the Behavioral & Social Sciences Section of the Gerontological Society of America. Slade is a member of Tau Beta Pi Honor Society. He received a B.S. in aerospace engineering, and both an M.P.H., as well as a Ph.D. in public health.

Mieka J. Smart

Member

MIEKA SMART (she/her/hers) is a research associate professor at Tulane, working with P4HE as the deputy director of the Tulane Health Equity Institute and leading the Robert Wood Johnson Foundation Health Equity Scholars for Action as program director. Smart has had roles of increasing responsibility across areas of global public health, drug and alcohol epi, and administration. The majority of her research involves drug and alcohol policy evaluation through systematic social observation or interrupted time series studies. She currently directs two professional development programs: 1) Research to Reduce Disparities in Disease, a National Institutes of Health research training program on clinical and public health research fundamentals for which she serves as MPI; and 2) Leadership in Medicine for the Underserved, a certificate on leading programs and organizations that serve marginalized domestic and international communities. Smart earned her B.S. in public health, M.S. in health science, and Ph.D. in public health degrees from Johns Hopkins. She received drug dependence epidemiology via a National Institute on Drug Abuse training program and has served as Co-I, key personnel, or project manager for multiple National Institute on Alcohol Abuse and Alcoholism projects.