GOES BOARD MEMBER BIOGRAPHIES

CHAIR

Mr. Richard A. Sears
Stanford University

Mr. Richard Sears, a geophysicist, is an Adjunct Professor in the Department of Energy Resources Engineering at Stanford University, where he develops and teaches courses in energy systems, economics, and oil and gas exploration technology. As chief scientist for the National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling, Mr. Sears provided technical and policy recommendations on offshore drilling to prevent future accidents of this type. Mr. Sears provided technical expertise to the investigation into the causes of the incident, and in the preparation of recommendations to the Commission. He was responsible for accessing industry expertise to aid the Commission in carrying out its duties, and was a contributing author of the Chief Counsel's Report, which detailed the technical and managerial factors leading to the blowout and spill. Mr. Sears also served as a member of the Department of Interior's Ocean Energy Safety Advisory Committee. During his 33 years with Shell Oil Co. and Royal Dutch Shell, Mr. Sears acquired significant domestic and international experience in the upstream oil and gas industry, holding technical and managerial positions including exploration geophysicist, technical instructor, economist, strategic planner, and general management. He currently serves as the co-chair of the Offshore Situation Room Planning Committee, and the chair of the Report Series on Progress and Opportunities Toward Decreasing the Risk of Offshore Energy Operations, and previously served as the chair of the Committee on the Application of Real-Time Monitoring of Offshore Oil and Gas Operations. Mr. Sears received a B.S. in physics and an M.S. in geophysics from Stanford University.

VICE-CHAIR

Ms. San Burnett
BHP

Ms. San Burnett is a senior advisor on Global Drilling Process Safety & Risk Engineering at BHP (BHP has no relation to BP, and is a completely separate company), where she advises the Global Wells and Seismic Engineering teams on projects, risk management, regulatory engagements, well and operation execution planning. She also serves as co-lead of BHP's Employee Resource Group on Anti-Racism and Equality, specifically leading and supporting EmBRace (Employees Beyond Race). This group promotes education and awareness initiatives across the Petroleum organization. Prior to her employment at BHP, she has held multiple leadership roles to broaden her expertise in process safety and risk including the Risk & Process Safety Lead at Lloyd's Register, Senior Process and Technical Safety Advisor at Anadarko Petroleum Corporation, and the Americas Lead - Process & Technical Safety at ABS Consulting. Currently, Ms. Burnett serves as the Topical Chair of the Global Congress on Process Safety on behalf of the American Institute of Chemical Engineers (AIChE) and Center for Chemical Process Safety (CCPS). She pursued an M.S. in mechanical engineering at the University of Alabama Birmingham and a B.S. in applied physics and mathematics at Southern University and Agricultural and Mechanical College at Baton Rouge.

MEMBERS

Mr. Kenneth Arnold, NAE
K Arnold Consulting, Inc. and Worley

Mr. Kenneth (Ken) Arnold is the president of his consulting firm K Arnold Consulting, Inc and a senior technical advisor at Worley. Mr. Arnold has over 50 years of experience in facilities engineering design and project management, having worked on onshore and offshore projects in many areas of the world. Previously, Mr. Arnold founded Paragon Engineering Services in Houston, an oil and gas project management and engineering services company, which became AMEC Paragon in 2005. As a member of the National Academy of Engineering, he served two terms on the Marine Board, chaired the committee that prepared the report on Evaluating the Effectiveness of Offshore Safety and Environmental Management Systems, and was previously a member of the Gulf Research Program Advisory Board. He has co-authored two textbooks, five design guidelines and over 50 technical articles on safety management, project management, and facilities design. Mr. Arnold edited the production facilities volume of the Society of Petroleum Engineers' (SPE's) Petroleum Engineering Handbook and served on the board of SPE as the first specialty director of projects, facilities and construction and also as Vice President of Finance. He has been chosen three times as an SPE distinguished lecturer and is a recipient of the SPE DeGoyler Medal and Public Service Award. Mr. Arnold was the 2015 President of the Academy of Medicine, Engineering, and Science of Texas having served two terms on its Board and as Treasurer. Mr. Arnold was named 2003 Houston Engineer of the Year by the Texas Society of Professional Engineers, and was elected to the National Academy of Engineering in 2005 and the National Academy of Construction in 2014 for his work in offshore safety. He is a registered professional engineer and is an emeritus member of the engineering advisory boards of Cornell University and Tulane University. He has taught facilities engineering in the M.S. Petroleum Engineering programs of both the University of Houston and Technion University in Israel. Mr. Arnold received a B.S. in civil engineering from Cornell University and an M.S. in civil engineering from Tulane University.

Dr. Najmedin Meshkati
University of Southern California

Dr. Najmedin Meshkati is a Professor of Civil and Environmental Engineering, Industrial Systems Engineering, and International Relations at the University of Southern California (USC); an Associate (ex- Research Fellow) with the Project on Managing the Atom at the Belfer Center for Science and International Affairs at the Harvard Kennedy School; a Commissioner of The Joint Commission; and a member of the National Academy of Sciences, Engineering, and Medicine's Board on Human-Systems Integration (BOHSI). Between 2009-2010, he was a Jefferson Science Fellow and a Senior Science and Engineering Advisor to the Office of the Science and Technology Adviser of the U.S. Secretary of State. His current interests include nuclear safety, environmental sustainability, and developing cooperative regional approaches to nuclear fuel cycle management. For the past 30 years, Dr. Meshkati has been teaching and conducting research on human factors, safety culture, and risk reduction of complex, large-scale technological systems, including nuclear power, aviation, oil and gas drilling, refining, and petrochemical industries. As an expert on systems engineering, human factors and safety culture, Dr. Meshkati was selected by the National Academies of Sciences, Engineering, and Medicine to be a member on two national panels investigating the recent catastrophic events at Fukushima and Deepwater Horizon. Dr. Meshkati is a Fellow of the Human Factors and Ergonomics Society and the 2015 recipient of the organization's highest honor, the Arnold M. Small President's Distinguished Service Award. He simultaneously received a B.S. in Industrial Engineering and a B.A. in Political Science from Sharif University of Technology and Shahid Beheshti University, respectively. Dr. Meshkati earned his M.S. in engineering management and his Ph.D. in industrial and systems engineering from USC. He is a certified professional ergonomist.

Mr. Roland Moreau
MacroSys and ExxonMobil (retired)

Mr. Roland Moreau is a Special Advisor to the U.S. Bureau of Transportation Statistics (BTS). He is currently consulting with the BTS on development of the SafeOCS Program, an industry-wide safety data management

framework. He is also the program chair for the Congress on Safety 2021 and a trustee on the board of the United Engineering Foundation. Mr. Moreau retired from ExxonMobil in August 2014 after 34 years of service. He began his career with ExxonMobil as a Project Engineer at the Bayway Refinery in New Jersey in 1981. Since then, he has held various technical, supervisory, and managerial positions for ExxonMobil's Upstream Research, Gas & Power Marketing, and Upstream Ventures business units. Mr. Moreau recently completed his term as the President of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) in August 2020. Previously, he served on the Society of Petroleum Engineers International (SPEi) Board of Directors as the Vice President of Finance from 2015 to 2018 and as the Health, Safety, Security, Environment & Social Responsibility Technical Director from 2011 to 2014. Since completing his terms on these boards, he remains active on various SPE and AIME initiatives. Mr. Moreau received his B.S. in mechanical engineering from Worcester Polytechnic Institute, followed by an MBA in finance from Fairleigh Dickinson University.

Dr. Monica Philippart
Ergonomic Human Factors Solutions

Dr. Monica Philippart is the CEO of her consulting firm Ergonomic Human Factors Solutions. Her firm offers consulting and training services for managing operational and health and safety risks associated with human performance and human error in oil and gas, minerals and metals, aerospace, and entertainment markets. Following Deepwater Horizon, Dr. Philippart was one of the members of the Process Safety Monitor's team that was tasked with reviewing BP's process safety, major accident risks, and risk management on behalf of the Department of Justice. Before starting her consulting firm in 2010, Dr. Philippart had an extensive career in advancing human factors engineering through her work with NASA, Boeing, the United Space Alliance, and BHP Billiton Petroleum. She received her Ph.D. in industrial engineering and M.S. in industrial engineering and management systems from the University of Central Florida; and her B.S. in mechanical engineering from the Florida Institute of Technology.

Mr. Terrance Sookdeo
Baker Hughes

Mr. Terrance Sookdeo is a Global Process Safety Technical Advisor at Baker Hughes, where he develops and implements process safety management for oil and gas activities. During his 28 year career with the company, he has held various leadership positions and has worked internationally to mitigate risk and enhance upstream process safety programs throughout North America, Latin America, Europe, Middle East, Africa, Russia and Asia Pacific region. Mr. Sookdeo has over 12 years of experience working at the wellsite, primarily in drilling operations and monitoring well activities. He has extensive knowledge in adapting new technologies in operations, statistical analysis, risk assessment methodologies, incident investigation and training. Mr. Sookdeo has written a number of papers and is a technical expert, representing Baker Hughes in various industry organizations including IOGP, API, COS, CCPS and SPE. Mr. Sookdeo received an MBA in management from the University of Phoenix and a B.S. in industrial engineering from the University of the West Indies, St. Augustine Campus.

Mr. Dustin Torkay
Seadrill Management

Mr. Dustin Torkay is the Head of Projects at Seadrill Management. At Seadrill, he previously held various roles, including: the Rig Manager of the Sevan Louisiana offshore drilling unit, the Head of Quality, Health, Safety, and Environment (QHSE), the Technical Leader of the West Neptune deepwater drillship, and Technical Superintendent. Prior to his employment at Seadrill, Mr. Torkay served as a Project Engineer at Archer and an Application Engineer at National Oilwell Varco. Mr. Torkay holds an M.S. in Technology Commercialization from the University of Texas at Austin's Red McCombs School of Business and a B.S. in Mechanical Engineering from California State Polytechnic University, Pomona. In 2015, he became an alumnus of the International Institute for Management Development (IMD) Business School in Lausanne, Switzerland.

Ms. Sylvie Tran
Suncor Energy

Ms. Sylvie Tran is the Vice-President of Suncor's Environment, Health and Safety organization, which includes its global offshore business unit. She has been working in the oil and gas industry for over 20 years. Prior to her current position, Ms. Tran worked in various leadership roles with Shell in New Orleans, LA, Pittsburgh, PA and Calgary, Canada covering deepwater Gulf of Mexico safety, environmental and regulatory affairs, joint venture management, shale developments, sour gas developments and coal-bed methane exploration. Before joining Shell in 2004, Ms. Tran worked as a drilling engineer and rig supervisor with various oil and gas companies in Canada, Australia, France and Algeria. Currently, she is a member of the National Academy of Sciences, Engineering and Medicine' Marine Board. Ms. Tran is passionate about the budding digital transformation in the energy industry and is an active leader in this realm. Ms. Tran holds an MBA from Harvard Business School and a Bachelor in mechanical engineering from McGill University in Montreal, Quebec.

Dr. Latonia Viverette Batiste
WSP USA

Dr. Latonia Viverette Batiste is a Lead Environmental Scientist at WSP USA. She is a champion of climate, sustainability and resilience for underserved communities with special interests in exploring innovation solutions to reduce the carbon footprint for Energy companies and ESG reporting. She has extensive experience in environmental permitting and compliance for the built environment green infrastructure and is GPro certified. Prior to her position at WSP, Dr. Batiste was the founding Director of Sustainability and Energy Efficiency at Xavier University of LA. Dr. Batiste also served as a Founder and Principal Sustainability & Environmental Scientist at an advisory firm, Ivy Environmental Consulting, LLC from 2012 to 2019, and as the Principal Environmental Scientist at Kinder Morgan Pipeline (formerly known as El Paso Corp) from 2006 to 2008. She is a member of American Association of Blacks in Energy, United States Green Building Council, Louisiana, and on the Advisory Board of The First Tee of Greater New Orleans. She earned her Ph.D. from Jackson State University, her M.S. from Tulane University School of Public Health and Tropical Medicine, and her B.S. from Xavier University of Louisiana.

Mr. Michael Will
MRW Operations Consulting LLC

Mr. Michael (Mick) Will is a Houston-based consultant (MRW Operations Consulting LLC). He is a chemical engineer with more than 42 years of experience in the oil and gas industry. In the last decade, his primary focus has been on the implementation and assessment of the Bureau of Safety and Environmental Enforcement (BSEE) Safety and Environmental Management Systems (SEMS) regulations which were developed as a result of the 2010 Deepwater Horizon incident. Mr. Will served on the Joint Incident Command Staff for the Deepwater Horizon as part of BP's Gulf Restoration Organization as the Deputy Area Incident Commander and Incident Commander. Prior to his appointment on the Incident Command Staff, he was employed by BP/Amoco for 32 years and managed both onshore and offshore operations and attended the BP Operations Academy at MIT. Mr. Will has experience in the development and implementation of SEMS Programs and is a registered SEMS auditor with over 3000 hours of SEMS Audit experience, both as an audit team member and as a subject matter expert for operators. In 2020, he authored the book An Operations Guide to Safety and Environmental Management Systems, which aims to help operations engineers and managers understand the SEMS requirements and priorities from an operations perspective. Mr. Will is a registered Professional Engineer in Colorado and Wyoming and holds a B.S. in chemical engineering from the Colorado School of Mines.

Mr. Charles R. Williams II
Independent Consultant and Center for Offshore Safety (retired)

Mr. Charles (Charlie) Williams is an independent consultant on safety management and oil & gas engineering. He recently retired from the Center for Offshore Safety (COS), where he served as the Executive Director from March 2012 to May 2020. Before taking the lead at the COS, he had a 40-year career at Shell Oil, where he held numerous

positions, including Chief Scientist and Vice President of Global R&D. Mr. Williams serves on the Department of Interior OESC Federal Advisory Committee, and he has presented extensively on Safety Management and drilling technology, including to the Presidential Commission, Center for Strategic and International Studies, and National Academies of Sciences, Engineering, and Medicine (NASEM). Mr. Williams chaired the Joint Industry Task Force on Subsea Well Control and Containment and the BSEE/Argonne Labs Workshop on the Effects of Water Depth on Offshore Equipment and Operations. Currently, he is a member of NASEM's Marine Board and is serving on two National Research Council committees, the Offshore Situation Room Planning Committee, and the Report Series on Progress and Opportunities Toward Decreasing the Risk of Offshore Energy Operations. In 2012, he received the Offshore Technology Conference Special Citation, and he has been the recipient of the US Department of the Interior's Corporate Citizenship Award, the Society of Petroleum Engineers' (SPE) Regional Safety Award, and the National Ocean Industries Association's "Safety in the Seas Award." Mr. Williams has also served on the Petroleum Engineering curriculum advisory committee at University of Texas at Austin and is a lifetime member of SPE. Mr. Williams earned his B.S. in mechanical engineering from the University of Tennessee, Knoxville and is a licensed Professional Engineer.

Dr. Ding Zhu
Texas A&M University

Dr. Ding Zhu is a Professor in Texas A&M University's (TAMU) College of Engineering and a faculty affiliate of the Energy Institute at TAMU. Her research areas are complex well performance optimization, well stimulation, intelligent well modeling and well completion. She has been a PI for many government-funded projects and JIPs. Dr. Zhu is an author of more than 180 technical papers, a co-author of the textbooks Petroleum Production Systems (2nd edition, Prentice Hall), Multilateral Wells (Society of Petroleum Engineers) and Modern Completion Technology for Oil and Gas Wells (McGraw Hill Education). She has been a committee member and chairperson for many conferences, events and standing committees with the Society of Petroleum Engineers (SPE), and selected as Distinguished Lecturer for SPE in 2012-2013 and 2018-2019. She is a Distinguished Member of SPE. Dr. Zhu holds a B.S. in mechanical engineering from the University of Science and Technology, Beijing, China, and an M.S. and a Ph.D. in Petroleum Engineering from the University of Texas at Austin.

EX-OFFICIO

Dr. R. Lyndon Arscott, NAE
International Association of Oil & Gas Producers (retired)

Dr. R. Lyndon (Lyn) Arscott retired in 2001 as the Executive Director of the International Association of Oil & Gas Producers (OGP), which has offices in London and Brussels and represents the upstream oil and gas industry before international regulatory agencies. Prior to that position, he retired from Chevron in 1988, where assignments included Senior Executive Consultant for Exploration and Production, reporting to the chairman of the Board, and Corporate General Manager of Health, Environment and Safety; he was also a member of the Chevron Corporate Management Committee. During 1962-1964, he was a British Commonwealth scholar studying exploration geophysics in India. Between 1968 and 1986, he held numerous exploration and production management positions for Gulf Oil Co. and Chevron in Pennsylvania, Texas, Louisiana, and California. He was the 1988 President of the International Society of Petroleum Engineers (SPE), which has a current worldwide membership of more than 100,000, and is a past Chairman of the American Petroleum Institute (API's) General Committee on Health and Environment. He is an Honorary Member of the SPE and an Honorary Member of the American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME). During 2001-2002, he was an SPE Distinguished Lecturer on the subject of Sustainable Development in the Oil and Gas Industry. He is a member of the National Academy of Engineering and President of the Earth Resources Engineering Section in 2015. He holds a B.S. and a Ph.D. in mining engineering from the University of Nottingham, England.