

Sexual Assault at Sea

Committee

Alicia L. Carriquiry

Chair

Alicia L. Carriquiry (NAM), PhD, was born in Montevideo, Uruguay. She received her graduate education in the U.S., first at the University of Illinois and then at Iowa State where she received a PhD. Carriquiry joined the faculty in Statistics at Iowa State in 1990 and is currently Distinguished Professor and President's Chair in Statistics. Since 2015, she is Director of the Center for Statistics and Applications in Forensic Evidence (CSAFE), a National Institute of Standards of Technology Center of Excellence. She is an elected member of the National Academy of Medicine and of the American Academy of Forensic Science and is also a Fellow of the American Association for the Advancement of Science, the American Statistical Association, the Institute of Mathematical Statistics, the International Society for Bayesian Analysis and the International Statistical Institute. She was elected Fellow of the Hagler Institute for Advanced Studies at Texas A&M University in 2023. Carriquiry's research interests include Bayesian methods, sampling, study design, and application of machine learning approaches in forensic and biological problems. She has worked extensively on problems in human nutrition and in the last several years has established an active research program in forensic statistics. She has published about 160 peer-reviewed articles and has participated in multiple boards, panels and committees of the NASEM. Carriquiry has mentored 23 doctoral students, about 45 MS students, eight post-doctoral researchers, and many brilliant undergraduates.

Eric Barreras

Member

Eric Barreras, BA, currently serves as a Vice President for the Rape, Abuse, and Incest National Network (RAINN), where he oversees the Department of Defense (DoD) Safe Helpline. He retired as a Supervisory Special Agent with the U.S. Army Criminal Investigation Division (CID), where he served as a subject matter expert in the conduct of Sexual Assault, Child Abuse, and Domestic Violence Investigations. Following retirement from the U.S. Army, Eric served as a Sexual Assault Prevention and Response Specialist (Victim Advocate) for the U.S. Air Force, and subsequently served as a Sexual Assault Response Coordinator for the U.S. Coast Guard. He retired from the U.S. Coast Guard in 2022. Additionally, Barreras served as a Training Manager at the U.S. Center for SafeSport, where he was responsible for the development of abuse prevention training curriculum for the Olympic and Paralympic movement. He also served as a Maritime Safety and Social Responsibility Analyst for the U.S. Maritime Administration, where he served as a Sexual Assault Sexual Harassment prevention and response Highly Qualified Expert. Eric previously served on the Board of Directors for the Monterey County Rape Crisis Center, End Violence Against Women International (EVAWI), and the National Organization for Victim Advocacy (NOVA). He is the recipient of the following awards - Bronze Medal Team Award (Maritime Administration), Team Diversity Award (Department of Transportation), Coast Guard Meritorious Team Commendation (U.S. Coast Guard), DoD Exceptional SARC of the Year 2018 (U.S. Coast Guard), Air Force Sexual Assault Prevention and Response Team Award (U.S. Air Force), DoD Sexual Assault Prevention Innovation Award (U.S. Air Force), Bronze Star for Combat Operations (U.S. Army). Barreras has also served as an expert consultant to the Federal Law Enforcement Training Center (FLETC), NOVA, EVAWI, RAND Consulting, National Crime Victim Law Institute, Office for Victims of Crime, and all six military branches, including the Independent Review Commission to Address Sexual Assaults in the Military. Barreras holds a B.A. in Sociology with a Special Emphasis in Criminal Justice from The University of Arizona Global Campus, and is currently working on an MBA in Organizational Management with Special Emphasis in Organizational Leadership from the same institution.

Kelley Bonner

Member

Kelley Bonner, LCSW, MCJ, is a recognized expert in people-focused risk management, specializing in sexual misconduct prevention, workplace culture repair, and leadership accountability. She serves as a leading expert at Burn Bright, where she empowers organizations to create safer, more equitable workplaces through comprehensive risk management strategies. Since 2018, Bonner has spearheaded initiatives addressing sexual misconduct at sea, drawing from her extensive experience managing complex issues in high-risk environments. She notably founded and led the National Oceanic and Atmospheric Administration's (NOAA) first-ever sexual misconduct prevention and response program, earning Congressional recognition and establishing best practices now referenced across federal agencies. Her expertise has shaped national and international policies as an active participant in key working groups focused on sexual misconduct prevention. Bonner's thought leadership extends to her work with the National Academies of Sciences, Engineering, and Medicine's Action Collaborative for Preventing Sexual Harassment in Higher Education. Her unique approach has made her a trusted voice in the evolving landscape of workplace safety and misconduct prevention. Bonner holds a Master of Social Work (MSW) and a Master of Criminal Justice (MCJ), blending clinical expertise with a deep understanding of organizational behavior and legal frameworks. Bonner continues to consult for NOAA but not on issues of sexual violence. Bonner also expanded on the NPR/Audible interview she participated in in 2023 that discussed a sunk U.S. Coast Guard ship and evidence of sexual assault that was found. The anticipated release date for this interview is spring 2025.

Noël Busch-Armendariz

Member

Noël Busch-Armendariz, PhD, LMSW, MPA serves as the University Presidential Professor, Associate Dean, and Director of the Institute on Domestic Violence & Sexual Assault (IDVSA) at the School of Social Work, The University of Texas at Austin. She is a seasoned social scientist with 30 years of expertise in collecting various types of original data from survivors of sexual assault. She has been the principal investigator on more than 90 projects funded by federal, state, and local sponsors, including the National Science Foundation and the U.S. Department of Justice. Dr. Busch-Armendariz co-led the Houston Sexual Assault Kit Initiative (SAKI), one of two pioneering National Institute of Justice-funded projects that shaped national approaches to sexual assault forensics, including victim notification, law enforcement practices, and DNA-CODIS protocols. She served on the Obama-Biden White House Task Force to Protect Students from Sexual Assault research group and consulted with the U.S. Senate Judiciary Committee and leaders such as the U.S. Secretary of Defense and the Air Force Vice Chief of Staff on sexual violence and workplace harassment. Dr. Busch-Armendariz holds a PhD, LMSW, and MPA from the University of South Carolina and a BA from High Point University. Previously, she served as the vice president of the board and a board member of SAFE, an Austin-based agency serving domestic violence and sexual assault survivors. SAFE's work does not address sexual assault at sea. She was also a member of the US Peace Corps Sexual Assault Advisory Committee. The Committee's final report and recommendations are publicly available.

Jacquelyn C. Campbell

Member

Jacquelyn C. Campbell, PhD, RN is a Professor in the Johns Hopkins University School of Nursing since 1993. She has published more than 420 articles, seven books and been lead investigator of more than 15 major US government research grants. Her area of research has included intimate partner violence (physical, psychological and sexual) and health outcomes including intimate partner homicide with important health policy outcomes. Among her many awards are election to the NAM in 2000, being the first nurse to receive an Honorary Doctorate of Science, Duke University, the Living Legends award from the, American Academy of Nursing, a National Library of Medicine exhibit "Nurses Confronting Violence, Improving Women's Lives," a Lifetime Achievement Award, from the US DOJ Family Justice Centers, the Vollmer Award from the American Society of Criminology, and one of the 20 national leaders and visionaries who have had a transformative effect on the field of violence and injury prevention from CDC. As a member of NAM she has served on 4 consensus committees related to IPV and also to Veterans health and served as founding co-chair of the Forum on Global Violence Prevention. She has consulted for DHHS, CDC, NIH, the Office on Violence Against Women, the Department of Defense including Congressional appointment to Department of Defense Task Force on Domestic Violence in the Military 2000-03. Her degrees are all in nursing, a PhD from the University of Rochester, MS from Wright State University and BSN from Duke University. Dr. Campbell was previously a compensated advisory member of the National Organization for Victim Advocacy (NOVA) Advisory Committee and previously provided danger assessment trainings at military bases. This work is currently suspended. She is also an uncompensated member of the board of directors of Futures without Violence, an uncompensated member of the Veterans Affairs advisory committee on interpersonal violence, and a member of the Expert Panel on Violence of the American Academy of Nursing. In addition, she has served on 6 NAM committees and was Co-Director of the IOM/NAM Forum on Global Violence.

Helena Chavez

Member

Helena Chavez, BA, was a dedicated criminal investigator with extensive experience in crimes against persons, particularly sexual assault and abuse, sexual harassment, and other sexually-based offenses against women, men and children affiliated with the U.S. Coast Guard (USCG). Known for her meticulous investigative skills and compassionate approach, Chavez worked tirelessly to seek justice for survivors while ensuring a fair and thorough process. A 26-year veteran of federal law enforcement, Chavez spent the last eight years of her career as the Assistant Special Agent In-Charge of the Northwest Region based in Seattle, WA. Throughout her career, Chavez was directly involved in hundreds of sexually-related investigations in the Pacific Northwest as well as internationally with investigations involving deployed USCG vessels. Chavez is a graduate of the Federal Law Training Center Criminal Investigator Academy and has received extensive training in sexual assault investigations. Her expertise includes interviewing victims, witnesses and subject interrogation; evidence collection and collaborating with advocacy organizations to address these complex and critical cases. Chavez holds a BA in Behavioral Studies from Concordia College, New York.

Lilia Cortina

Member

Lilia Cortina, PhD, is a University Diversity and Social Transformation Professor of Psychology, Women's and Gender Studies, and Management and Organizations at the University of Michigan. She investigates the many ways in which people are subordinated, violated, and relegated to the margins of organizational life. To date, Cortina has published over 100 scholarly works on sexual harassment and incivility in organizations. This research has won awards, but its impact stretches beyond the walls of the academy. In recognition of their unusual and outstanding contributions to the field, Cortina has been named a Fellow of the American Psychological Association and the Society for Industrial/Organizational Psychology. Cortina holds a PhD of Psychology from the University of Illinois at Urbana-Champaign. Cortina has published extensively on the topic of sexual harassment.

Krista Gile

Member

Krista Gile, PhD, is Professor of Statistics in the Department of Mathematics and Statistics at the University of Massachusetts, Amherst. She is an expert in developing and evaluating statistical methods for hard-to-reach human populations. She has served as an expert, consultant, reviewer, or working group member for projects supported by the US Department of Labor, United Nations Refugee Agency, Massachusetts Committee for Public Council Services, US Department of State, Committee on National Statistics/National Institute of Aging, World Health Organization, US Centers for Disease Control and Prevention, US National Academy of Sciences, UNAIDS, and American Association for Public Opinion Research. She earned her PhD in Statistics from the University of Washington in 2008, then served as Postdoctoral Prize Research Fellow at Nuffield College, Oxford before joining UMass, Amherst.

Jenifer Markowitz

Member

Jenifer Markowitz, ND, BA, is the Interim Senior Director, Education and Publications at the International Association of Forensic Nurses (IAFN). She has been a forensic nurse examiner since 1995. Dr. Markowitz regularly serves as faculty, and as an expert consultant for the Judge Advocate General's (JAG) Corps across the Department of Defense. She has consulted for a variety of agencies, including Peace Corps, the US Army Medical Command and the National Institute of Justice. She served as lead writer and researcher for the National Protocol for Intimate Partner Violence Medical Forensic Exams and the 3rd edition of the National Protocol for Sexual Assault Medical-Forensic Examinations: Adult/Adolescent, published by the U.S. Department of Justice Office on Violence Against Women (OVW). Past national activities include working with OVW to develop earlier editions of the national protocol and training standards for Sexual Assault Medical-Forensic Examinations; with the U.S. Department of Defense to revise the military's Sexual Assault Evidence Collection kit and corresponding documentation forms; with the US Army Surgeon General to write the curriculum for training Sexual Assault Medical Forensic Examiners in Military Treatment Facilities; and as an Advisory Board member for the National Sexual Violence Resource Center. She completed all of her nursing education, including her clinical doctorate in nursing, from the University of Colorado Health Sciences Center. Dr. Markowitz also serves as a member of the Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces. She is a former member and former Board President of IAFN. Markowitz receives compensation to provide expert testimony in military sexual assault cases. She serves in this role for both the prosecution and defense, and her testimony is based on science. She has previously consulted on U.S. Coast Guard cases and has provided training for the Office of the Chief Prosecutor (U.S. Coast Guard).

Sheridan Miyamoto

Member

Sheridan Miyamoto, PhD, RN, FAAN, is an Associate Professor in the Ross and Carol Nese College of Nursing and faculty in the Child Maltreatment Solutions Network at Pennsylvania State University. As Founder and Director of the Sexual Assault Forensic Examination Telehealth (SAFE-T) System, she leads an innovative initiative that enhances access to quality forensic sexual assault care in rural and underserved communities. The SAFE-T System, now implemented across 13 hospitals in six health systems, was recently recognized as Pennsylvania's Rural Health Program of the Year 2024. With over two decades of telehealth expertise, Dr. Miyamoto's research focuses on developing sustainable, scalable solutions to improve equitable access to specialty forensic care in rural, underserved and remote locations. Before joining academia, she spent 14 years as a Family Nurse Practitioner at UC Davis's Child and Adolescent Abuse Resource and Evaluation Center, conducting over 3,000 forensic sexual abuse examinations and providing expert testimony in more than 60 criminal court cases. Dr. Miyamoto is a Fellow of the American Academy of Nursing and the Betty Irene Moore Fellowship Program for Nurse Leaders and Innovators, as well as a former Jonas Scholar and Doris Duke Fellow.

Alexis R. Piquero

Member

Alex Piquero, PhD, is a professor in the Department of Sociology & Criminology and Arts and Sciences Distinguished Scholar at the University of Miami. He previously served as the Director of the Bureau of Justice Statistics (appointed by President Biden in June 2022). In directing BJS, he oversaw a budget of more than \$90 million—including several dozens of data collections on various crime and justice topics including police-citizen contacts—and worked hand-in-hand with a dedicated team of more than fifty personnel. Dr. Piquero is an internationally recognized criminologist with more than 26 years of experience. He has provided counsel and support to local, state, national, and international criminal justice agencies and elected leaders. An author of more than 500 articles and several books, he examines criminal careers, criminal justice policy, crime prevention, and the intersection of race/ethnicity and crime with a focus on quantitative methodology. He is a Fellow of both the American Society of Criminology and the Academy of Criminal Justice Sciences. In 2019, he received the Academy of Criminal Justice Sciences Bruce Smith Sr. Award for outstanding contributions to criminal justice, and in 2020, he received the Lifetime Achievement Award from the Division of Developmental and Life-Course Criminology of the American Society of Criminology. He received his BA, MA, and PhD in Criminology & Criminal Justice from the University of Maryland College Park. Dr. Piquero has served on several National Academy of Sciences/National Research Council panels spanning crime and justice issues, including the Modernizing Crime Statistics Panel, Evaluating the Research Portfolio of the National Institute of Justice, and Implementing Juvenile Justice Reform.

Patricia Powers

Member

Patricia Powers, JD, is a Senior Attorney Advisor at Aequitas, bringing extensive litigation expertise as a well-respected trial attorney and Senior Deputy Prosecuting Attorney who specialized in sexual violence, domestic violence, child sexual and physical abuse, homicides, and cold cases. During her twenty-seven year tenure as a prosecutor in Washington State, Powers developed a reputation as a tireless advocate for justice by taking even the most complex cases to trial, including two cold case homicides that were later featured on episodes of On the Case with Paula Zahn. Powers has been invited to contribute to global events as a subject matter expert since 1998 and has consistently promoted innovative trial strategies that successfully inform a jury's response to the evidence introduced in the most complex cases. Powers was also appointed as a Highly Qualified Expert on an intermittent basis for the United States Army Criminal Investigative Division. During her tenure as a Highly Qualified Expert, Powers consulted on sexual assault and domestic violence cases involving members of the armed forces and provided specialized training for Criminal Investigations (CID) Special Agents and members of the Judge Advocate General's Corps. While still serving as a prosecutor and supervising her office's Sexual Assault and Domestic Violence Unit, Powers contributed to the curriculum and served as the prosecutor presenter for an educational series by Legal Momentum's National Judicial Education Program, entitled Understanding Sexual Violence Prosecuting Adult Rape and Sexual Assault Cases. She was also appointed to membership in the John Gavin Chapter of American Inns of Court with the distinction of Master of the Bar. Powers is the 2024 recipient of the Ending Violence Against Women (EVAWI) Joanne Archambault Visionary Award. She earned a Bachelor of Arts degree in Government from Idaho State University and her Juris Doctor degree from Gonzaga University School of Law. She has trained extensively on topics related to sexual assault, forensic evidence, investigation and trial and has also contributed to publications.

Cassia Spohn

Member

Cassia Spohn, PhD, is a Regents Professor in the School of Criminology and Criminal Justice at Arizona State University and an Affiliate Professor of Law at ASU's Sandra Day O'Connor College of Law. She was director of the School from 2014-2021. Her primary research interests are sexual assault case processing, prosecutorial and judicial decision-making, and unwarranted sentencing disparities. She is the author of eight books, including *Policing and Prosecuting Sexual Assault: Inside the Criminal Justice System* (2014). She is a fellow of the American Society of Criminology, the Academy of Criminal Justice Sciences, and the Western Society of Criminology. She is the recipient of numerous academic awards, including the University of Nebraska Outstanding Research and Creative Activity Award, the W.E.B. DuBois Award for Contributions to Research on Crime and Race/Ethnicity, the Lifetime Achievement Award from the American Society of Criminology's Division on Corrections and Sentencing, and Arizona State University's Faculty Achievement Award for Defining-Edge Research in the Social Sciences. She earned her PhD in political science from the University of Nebraska-Lincoln in 1978. Since 2016, Dr. Spohn has been a member of the U.S. Department of Defense Advisory Committee on the Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces. She has published numerous articles on sexual assault and the criminal justice system.

Patricia Tutalo

Member

Patricia (Patti) Tutalo, MA, is a distinguished expert in organizational change, utilizing a systems theory and data-driven approach to promote positive change. With over 20 years of service in the United States Coast Guard, she initiated gender policy reforms and led strategies that significantly improved recruitment and retention within the Coast Guard. As the founder of Patti Tutalo Consulting, she helps organizations build more effective workplaces by focusing on cultural transformation and addressing sexual assault and sexual harassment (SASH) prevention and response. With more than 15 years of experience in this field, Patti specializes in creating healthier workplaces, particularly within the maritime industry and the Department of Defense. Her expertise includes developing and enhancing SASH programs, providing consultation and training, and guiding organizations to become more productive, safe, and efficient. Patti's work has been recognized with the Department of Homeland Security Human Capital Award for Excellence and the Coast Guard Women's Leadership Initiative. She has been a featured speaker at several conferences, including the World Maritime University, Women Offshore, NDIA Women in Defense, U.S. Navy, the Ohio National Guard Bureau, and the U.S. Coast Guard. She holds an Executive Certificate in Public Leadership from Harvard Kennedy School, a Master's in Holistic Counseling from Salve Regina University, and a Bachelor's in Management from the U.S. Coast Guard Academy. Tutalo previously served on the Board of the U.S. Coast Guard Women's Leadership Initiative which focuses on mentorship and leadership development.

Julie Valentine

Member

Julie Valentine, PhD, is a Professor and Ida May “Dotty” Barnes RN and D. Keith Barnes MD Presidential Endowed Chair at the University of Utah College of Nursing. Dedicated to combating sexual and gender-based violence, Dr. Valentine leverages her extensive clinical experience as a certified sexual assault nurse examiner since 2006 to inform interdisciplinary practices and policies. A prolific researcher, Dr. Valentine has secured four federal grants since 2015, totaling over four million dollars, underscoring her significant contributions to the field. She holds leadership positions at the state, national, and international levels, actively shaping best practice recommendations to mitigate violence and improve survivor care. Dr. Valentine has forged multiple research collaborations in Utah and throughout the United States. Dr. Valentine has received numerous awards for her research and policy work, including induction as a Fellow in the American Academy of Forensic Sciences and in the American Academy of Nursing. She was recognized with the prestigious Utah Governor’s Medal for Science and Technology in the Academia/Research category in 2023, the highest civilian scientific and technological achievement award in the state. Dr. Valentine received her BS from University of Arizona, MS from University of Utah, and PhD from Duquesne University. She has written and published extensively on the topic of sexual and gender-based violence and has participated in several webinars, podcasts, and disseminated research findings through other forms of electronic media.