

First anesthesiologist appointed by the [American Society of Anesthesiologists](#) to advocate for the expanded use of the opioid antidote at the US FDA

First woman anesthesiologist Co-Chair the [American Society of Anesthesiologists Task Force on Prescription Opioid Abuse](#)

First [anesthesiologist-pharmacist alumnae](#) of [Princeton University](#) and [Harvard Business School](#)

Doctoral and Business Education

2020-2020 General Management Program (GMP), Harvard Business School, Boston, MA
2017-2018 Master of Public Policy (MPP), Health and Health Policy (HHP) Certificate, Princeton University, Princeton, NJ
1999-2003 Doctor of Osteopathic Medicine (DO), University of Medicine & Dentistry of New Jersey, Stratford, NJ
1994-1999 Doctor of Pharmacy (PharmD), Ernest Mario School of Pharmacy at Rutgers University, New Brunswick, NJ
1994-1997 Bachelor of Science, (BS) Pharmacy, Ernest Mario School of Pharmacy at Rutgers University, New Brunswick, NJ
1992-1994 The College of New Jersey, Pre-Medical Education, Ewing, NJ

Professional Education

2017-2018 Finance & Public Policy, Graduate Associate, Princeton University, Princeton, NJ
2017-2018 Women & Gender Studies, Liechtenstein Institute Fellow, Princeton University, Princeton, NJ
2015-2015 Biotechnology & Pharmaceuticals, Controlled Release, Massachusetts Institute of Technology, Cambridge, MA
2014-2014 Women Leadership Development Program, Association of American Medical Colleges, TX
2010-2011 Total Leadership Program, Wharton School, University of Pennsylvania, Philadelphia, PA

Medical Education

2007-2008 Interventional Pain Fellowship, Department of Anesthesiology and Critical Care, Johns Hopkins School of Medicine, Baltimore, MD
2006-2007 Chief Resident, Department of Anesthesiology and Critical Care, Georgetown University School of Medicine, Washington, D.C.
2006-2007 Clinical Scientist, National Heart, Lung, Blood Institute, Immunology & Toxicology, National Institute of Health, Bethesda, MD
2004-2007 Anesthesiology, Residency, Department of Anesthesiology and Critical Care, Georgetown University School of Medicine, Washington, D.C.
2003-2004 Internship, Department of Internal Medicine, Philadelphia College of Osteopathic Medicine – Crozer Keystone Health System, Philadelphia, PA

Biopharmaceutical Education

1999-1999 New Product Development, Janssen Pharmaceuticals, Titusville, NJ
1998-1998 Managed Care Division, Merck-Medco, Montvale, NJ
1997-1997 Research and Development, Bristol Myers Squibb, New Brunswick, NJ

Government Service and Appointments

2023-Present Member, Multidisciplinary and Multispecialty Workforce on Cancer, National Academies of Sciences, Engineering, Medicine, Washington DC
2020-Present Special Government Advisor, U.S. Food & Drug Administration, Silver Springs, MD
2019-Present Member, Global Forum, National Academies of Sciences, Engineering and Medicine, Washington DC
2020-2022 Scientific Advisor, U.S. Department of Defense, Congressionally Directed Medical Research Programs, Washington DC
2020-2022 Member, Technical Advisor, National Quality Forum, Washington D.C.
2015-2018 Special Government Advisor, U.S. Food & Drug Administration, Silver Springs, MD

Faculty and Clinical Appointments

2022-Present Anesthesiologist, Department of Anesthesiology, University of California-Los Angeles, Los Angeles, CA
2021-Present Anesthesiologist, Pain, Department of Anesthesiology, Johns Hopkins Medicine, Washington DC
2020-Present Assistant Professor, Adj., Department of Anesthesiology, Johns Hopkins School of Medicine, Baltimore, MD
2020-Present Anesthesiologist, Pain, Scripps Health, San Diego, CA
2019-Present Professor, Department of Surgery, Rowan University School of Osteopathic Medicine, NJ
2021-2021 Chief, Head, Medical Director, Pain, MD Anderson-Scripps Health System, San Diego, CA
2018-2020 Project Leader, Design Thinking, Keller Center of Innovation, Princeton University, Princeton, NJ
2018-2019 Visiting Scholar, Georgetown University, Center for Clinical Bioethics, Washington, D.C.
2012-2017 Fellowship Director, Pain Medicine, Regional Anesthesiology, Drexel University College of Medicine, PA
2012-2017 Chief, Vice-Chair, Associate Professor, Drexel University College of Medicine, Philadelphia, PA
2011-2017 Medical Director, Pain, Regional Anesthesiology, Drexel University College of Medicine, PA
2008-2011 Assistant Professor, University of Pennsylvania School of Medicine, Anesthesiology, PA

Board Licensure and Certifications

2023-Present New York Board of Medicine
2019-Present California Osteopathic Board of Medicine
2011-Present New Jersey Board of Medicine
2008-Present District of Columbia Board of Medicine
2008-Present Pennsylvania Board of Medicine
1999-Present New Jersey Board of Pharmacy
2012-Present Diplomate, Board Certification, Pain Medicine, American Board of Anesthesiology
2011-Present Diplomate, Board Certification, American Board of Anesthesiology
2007-2008 Maryland Board of Medicine

Professional Appointments and Memberships

2023-Present Member, Chief
2020-Present Distinguished Fellow, National Academies of Practice
2022-Present Member, Ascend Executive Network
2022-Present Member, National Association of Corporate Directors
2020-Present Member, Harvard, Women Executive on Corporate Boards
2021-Present Member, Health Tech Network, McKinsey and Company
2021-Present Member, HBS Alumni Angels of New York
2021-Present Member San Diego Angels Conference
2020-Present Member, Johns Hopkins India Institute, Johns Hopkins School of Medicine
2020-Present Member, World Health Organization, Global Initiative on Emergency & Essential Care
2003-Present Member, American Society of Anesthesiologists
2019-Present Member, Global Forum, National Academies of Sciences, Engineering and Medicine
2018-Present Member, Women Presidents Organization
2003-Present Member, American Heart Association: Advanced Cardiac Life Support, and Basic Life Support
2011-2018 Member, American Society of Regional Anesthesiology and Pain Medicine: Vice-Chair, Communications
2011-2017 Member, Medical School Admissions Committee, Drexel University College of Medicine

2009-2015	Member, International Association for the Study of Pain
2011-2017	Member, Pharmacy and Therapeutics Committee, Drexel University College of Medicine
2011- 2017	Member, Clinical Pain Research Committee, Drexel University College of Medicine
2014-2015	Member, International Anesthesia Research Society
2007-2015	Member, Chair of Pharmacotherapy Special Interest Group (2010-2012), American Pain Society

Board and Leadership Appointments

2023-Present	Member, Steering Committee, Innovation Equity Forum, Bill Melinda Gates Foundation - National Institutes of Health
2023-Present	Member, Physician Innovation Network, American Medical Association
2022-Present	Expert Member, World Economic Forum
2022-Present	Member, COVID-19 Clinical Investigators Network
2022-Present	Co-President, Regional, Alumnae-I Network of Harvard Women
2021-Present	Ambassador, Harvard Business School, General Management
2021-Present	Regional Director, Harvard Business School Healthcare Association
2020-Present	Advisory Member, Dean, Academy of Judges, Sharecare Awards, Sharecare Foundation
2021-Present	Grand Award Judge, Regeneron ISEF Competition
2020-Present	Member, Princeton Women's Network
2018-Present	Editorial Board, Future Science Group, Inc.
2022-Present	Board Advisor, Milken Institute, Center for Public Health
2018-Present	Board Advisor, Bionaut, Inc.
2020-Present	Board Governor, Asian Alumni Association of Princeton University
2020-Present	Board Director, Princeton University Alumni Association, Regional Chapter
2020-Present	Board Director, California Society of Anesthesiologists
2020-Present	Board Advisor, Peer Board, Healio
2019-Present	Board Advisor, Healthy Women, Inc.
2020-Present	Business Council, Forbes, Business Development
2011-Present	Chief Executive Officer, CA, NJ
2021-2021	Chief Operating Officer, CA
2017-2020	Senior Vice President, CA
2022-2023	Partner, Cancer Fund
2020-2021	Board Advisor, Bright App, Inc.
2020-2022	Business Council, Milken Institute, Faster Cures
2016-2017	Board Director, Amorsa Therapeutics, Inc.
2017-2019	Board Director, New Jersey Society of Anesthesiologists
1999-1999	Publications, Medical Affairs, Organon, Inc., Akzo Nobel, Merck, Inc.

International Recognition and Awards

2022	Patient Advocacy Award, National Academies of Practice
2021	Sharecare® Award Finalist, COVID Vaccines, Cancer Awareness Advocacy
2021	Top 10 Women of Influence, Fierce Healthcare®
2020	Top 100 Inspiring Leader, PharmaVoice® 100, Life Sciences
2020	Top 10 Global Emerging Leader, Pharmaceutical Executive®
2020	Goldman Sachs 10K Small Business Scholar
2020	Goldman Sachs 10K Women in Business
2020	Harvard Business School, Strategy Award Finalist, General Management
2020	Harvard Business School, Graduation Speaker, General Management
2020	Athena Pinnacle Award Finalist, Life Sciences
2016	Philadelphia Business Magazine Healthcare Professional to Know
2016	American Society of Anesthesiology Legislative Conference Recognition by White House ONDCP Michael Botticelli
2015	American Association of Medical Colleges Learner Award
2016	Compassionate & Patients Choice Award, Outstanding Patient Care Recognition
2015	Research Award, Pennsylvania State Anesthesiology Research Competition, Pennsylvania Society of Anesthesiology
2011	First Place Research Award, Pennsylvania State Anesthesiology Research Competition, Pennsylvania Society of Anesthesiology
2004	Shining Star, Patient Care Recognition, Georgetown University Hospital
2005	Legislative Resident ASA Delegate, American Society of Anesthesiologists
2003	Leadership Award, Graduation and Convocation Award, University of Medicine and Dentistry of New Jersey
2002	Third Place Research Award, American Association of Physicians of India Annual Meeting
2002	Third Place Research Award, Annual Research Day, University of Medicine and Dentistry of New Jersey
2001	National Institutes of Health Research Scholarship, Centers for Drug Evaluation Research
1998	Rutgers University School of Pharmacy Kirkwood Scholarship, Schering Plough Merit Scholarship, Levine Merit Scholarship

Keynote, Opening Speaker, and Moderator

2022	Harvard Business School, Moderator, Speaker, <i>Future of Health: Leading ESG Transformation in Healthcare and Digital Transformation of Healthcare</i>
2021	National Academies of Practice, Keynote Speaker, <i>Redefining the Digital Art of Medicine</i>
2020	Johns Hopkins School of Medicine, <i>Perfecting the Patient Experience</i>
2020	McKinsey and Company, Speaker, <i>Medical Affairs Leader Forum</i>
2020	Massachusetts Institute of Technology, Speaker, Moderator, <i>Opioid X Meeting: New Approaches to Addressing the Opioid Crisis</i>
2019	Healthy Women National Summit, Keynote Speaker, <i>Chronic Pain in Women</i>
2019	National Academies of Sciences, Engineering and Medicine, Global Forum, Speaker, <i>Patient Engagement and Pain</i>
2019	Milken Institute, Global Forum Meeting, Moderator, <i>Opioid Crisis and the Third Wave</i>
2018	Alliance for Balanced Pain Management, Global Summit, Opening Speaker, <i>Patient Engagement in the Treatment of Pain</i>
2018	National Organization of Rare Diseases, Keynote Speaker, Opening Speaker, <i>Patient Experience in Rare Diseases</i>
2018	American Society of Anesthesiology, Moderator, <i>Opioids in Perioperative Pain Care</i>
2018	Princeton University, <i>The Opioid Crisis: Pain, Pills and Prescriptions</i>
2018	Robert Wood Johnson, Cancer Institute of New Jersey, <i>The Prescription Opioid Crisis: What Future Doctors Need to Know</i>

International Books

2018	Editor. 50 Studies Every Anesthesiologist Should Know . Oxford University Press. New York, NY.
2012	Editor. Interventional Pain Medicine . Oxford University Press. New York, NY.
2012	Editor. Pharmacology in Anesthesia Practice . Oxford University Press. New York, NY.