

- [First woman anesthesiologist](#) appointed to advocate for the expanded use of the opioid antidote at the U.S. FDA
- [First woman anesthesiologist](#) to Co-Chair the ASA Task Force on Prescription Opioid Abuse
- First anesthesiologist-pharmacist alumnae of [Princeton University](#) and [Harvard University School of Business](#)

Education

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, Newark, 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, 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 Appointments

2020-Present	Special Government Advisor, U.S. Food & Drug Administration, Silver Springs, MD
2020-Present	Scientific Advisor, U.S. Department of Defense, Congressionally Directed Medical Research Programs, Washington DC
2020-Present	Member, Technical Advisor, National Quality Forum, Washington D.C.
2019-Present	Member, Global Forum, National Academies of Sciences, Engineering and Medicine, Washington DC
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 School of Medicine, Washington DC
2020-Present	Assistant Professor, Adj., Dept 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
2019-2020	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

2019-Present	California Osteopathic Board of Medicine, Active
2011-Present	New Jersey Board of Medicine, Active
2008-Present	District of Columbia Board of Medicine, Active
1999-Present	New Jersey Board of Pharmacy, Registered Pharmacist, Active
2012-Present	Diplomate, Board Certification, Pain Medicine Subspecialty, American Board of Anesthesiology, Active
2011-Present	Diplomate, Board Certification, American Board of Anesthesiology, Active
2008-2020	Pennsylvania Board of Medicine
2007-2008	Maryland Board of Medicine

Professional Appointments and Memberships

2020-Present	Distinguished Fellow, Member, National Academies of Practice
2022-Present	Member, National Association of Corporate Directors
2020-Present	Member, Harvard, Women Executive on Corporate Boards
2020-Present	Member, Real World COVID-19 Task Force, 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, Committees (past/current): Pain, Women in Anesthesia, Opioids
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, Pharmacy and Therapeutics Committee, Drexel University College of Medicine
2011-2017	Member, Medical School Admissions 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
2009-2015	Member, International Association for the Study of Pain
2010-2012	Chair, Pharmacotherapy Special Interest Group, American Pain Society
2007-2015	Member, American Pain Society

Board and Leadership Appointments

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	Dean of 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.
2018-Present	Advisor, National Organization of Rare Diseases
2022-Present	Board Advisor, Milken Institute, Center for Public Health
2018-Present	Board Advisor, Bionaut, Inc.
2020-Present	Board Advisor, Bright App, Inc.
2020-Present	Board Governor, Asian Alumni Association of Princeton University
2020-Present	Board Director, Princeton University Alumni Association
2020-Present	Board Director, California Society of Anesthesiologists
2020-Present	Board Advisor, Peer Board, Healio, Inc.
2019-Present	Board Director, 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
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	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, Oral Recognition, Whitehouse ONDCP Michael Botticelli
2015	Learner 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 and Opening Speaker and Moderator

2022	Harvard Business School, Moderator, Speaker, <i>Future of Health: Leading ESG Transformation in Healthcare</i>
2022	Harvard Business School, Moderator, Speaker, <i>Future of Health: 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.