Before becoming a Magistrate Judge, Judge Rosenbluth was the Director of Legal Writing and Advocacy and a Clinical Professor of Law at the University of Southern California Gould School of Law. She was also an academic contributor to the eighth edition of Black's Law Dictionary and was a member of the Association of Legal Writing Directors' Survey Committee and the Legal Writing Institute. Before joining the faculty at USC, she served as Assistant U.S. Attorney, Senior Litigation Counsel, and Acting Co-Chief of the Criminal Appeals Unit of the U.S. Attorney's Office in Los Angeles. She also clerked for the Honorable Ferdinand F. Fernandez of the U.S. Court of Appeals for the Ninth Circuit, the late Honorable Alicemarie H. Stotler of the District Court for the Central District of California, and the Los Angeles County District Attorney's Office. As a professor Rosenbluth regularly served as a legal expert for the media on criminal-law issues and high-profile trials; before that she was a reporter for the Los Angeles Times, Rolling Stone, Daily Variety, and Billboard, covering the music industry.

Judge Rosenbluth received her A.B. degree from Barnard College in 1983 and her J.D. in 1993 from the USC Gould School of Law, where she was editor-in-chief of the Southern California Law Review and a member of Order of the Coif. She is currently a member of the Board of Directors of Scribes, the American Society of Legal Writers.