Nancy Dominguez is from Albany, NY. She began her formal training under Michael Steele and Tomislav Vukovich, in Saratoga Springs, N.Y.

She was awarded a full scholarship to train for the summer and year round with the Chicago City Ballet, under the direction of Maria Tallchief, also having the privilege to train with Homer Bryant, and Marjorie Tallchief Skibine. Nancy attended and was awarded scholarships at Pennsylvania Ballet, Pittsburgh Ballet and the New York State Summer School of the Arts.

Nancy danced professionally with the Kansas City Ballet, Atlanta Ballet, Ballet New England and The Dance Theatre of Harlem under Arthur Mitchell. While dancing with Dance Theatre of Harlem she was honored to work with some of the most influential names in the dance world and to dance in some of the most prominent theatres in the world. Her favorite memory of dancing was having the opportunity to dance at the Acropolis of Athens, Greece. Her favorite ballet is George Balanchine's Serenade.

Nancy served as the School Director for Lexington Ballet from 2003-2023.