



**Guillermina (Gigi) Lozano, PhD**  
**SU2C Health Equity Committee**



**Guillermina (Gigi) Lozano, PhD**

Chair, Department of Genetics, Division of Basic Science  
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**Guillermina (Gigi) Lozano, PhD** is a geneticist recognized for her studies of the p53 tumor suppressor pathway, from characterizing p53 as a transcriptional activator to characterizing the physiological importance of Mdm2 and Mdm4 proteins as inhibitors of p53, and the consequences of p53 mutations on tumor development. Lozano was born in East Chicago, Indiana before moving to Texas with her family where she completed undergraduate studies in Biology and Mathematics at Pan American University (now known as the University of Texas Rio Grande Valley). She completed graduate studies at Rutgers University and the University of Medicine and Dentistry of New Jersey, and a post doctoral fellowship at Princeton University. She was hired as an Instructor at The University of Texas MD Anderson Cancer Center in 1987 and rose through the ranks to her current position as chair of the department of Genetics. She was elected a Fellow of the American Association for the Advancement of Science. She received the Minorities in Cancer Research Jane Cooke Wright Lectureship, and Women in Cancer Research Charlotte Friend Lectureship awards both from the American Association for Cancer Research. Dr. Lozano is also the recipient of distinguished alumni awards from both her undergraduate and graduate alma maters. She is a member of the National Academy of Sciences and the National Academy of Medicine.