Dr. Robin A. Ely graduated from Georgetown University in 1977 and completed her family Medicine residency at the Prince George's Hospital and Medical Center in 1981. She then established The Center of Integrative Medicine wherein she utilized both standard and alternative approaches to care for her patient population.

In 1983, Dr. Ely's second child, Brian Berman, was diagnosed with Gaucher's disease for which there was no treatment. With the help of her mother, Sylvia Ely, she discovered the research being conducted by Dr. Roscoe Brady at the National Institutes of Health in Bethesda, Maryland. Dr. Ely went to work voluntarily in his laboratory. Brian was rapidly becoming very ill. Noting Brian's small size and the fact that he still had his spleen, Dr. Ely suggested him to be the first patient to receive a modified enzyme to replace the one that is diminished in Gaucher's. Based on Brian's clinical response and subsequent clinical trials, this trailblazing treatment spawned a new generation of genetic research and treatments which now address many disorders worldwide.

Dr. Ely is a Founding member of the National Gaucher Foundation. In 1984 alongside Brian's father, Dennis Berman, and Brian's uncle, Michael David Epstein, they established the National Gaucher Foundation. As both President and Medical Director, Dr. Ely facilitated the US FDA studies and subsequent approval. She traveled to Israel and, with the help of the local clinical groups, was involved with the approval process there as well.

Over the last 30 years, while simultaneously pursuing various other medical research and clinical endeavors, Dr. Ely has maintained her involvement in the NGF with intermittent roles as President, Medical Director and Director of the NGF Medical Advisory Board, all the while continuously serving on the Board of Directors of the NGF. Her recent work has included Cannabis based medicine, and her current focus is on neuroinflammatory disorders including Parkinson's Disease, Autism Disorders, and anxiety-depression.

Currently Dr. Ely serves as NGF's Clinical Director. She also serves as scientific advisor to several companies, served on the board of Israel based ICAN, and is a science advisor to Psytech, an Israel and Canada based company dedicated to furthering the education and research into psychedelic medicines for mental and other disorders. Her current private practice is called "Integrative Regenerative Medicine" and is a global telemed based practice.

She is the mother of 6 children and has 22 grandchildren, one of whom has CHARGE Syndrome.