



Dr. Joyner completed her Ph.D. at the Ontario Cancer Institute. As a postdoctoral Fellow in Gail Martin's lab, she developed methods for introducing DNA into ES cells and cloned the mouse equivalents of important fly developmental genes. She set up her own lab at Toronto's Mount Sinai Hospital Samuel Lunenfeld Research Institute where she continued to work with mouse ES cells to create novel mutant mouse lines to enable gene trap, knock-in and fate mapping approaches, along with studying the roles of engrailed genes and sonic hedgehog signaling in development.

In 1994, she moved to New York University's newly created Skirball Institute of Biomolecular Medicine, where she worked for the next 12 years before accepting her present position at Memorial Sloan Kettering Institute. She has continued to apply the techniques she developed for studies of development, regeneration and cancer, with a focus on the cerebellum.

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