



ROLLING WAVE

Rolling Wave is a suspended landscape of glass that curves and expands over the lobby space of the Gaige Technology and Business Innovation Building at Penn State Berks. It was conceived, designed, and fabricated by sculptor Ray King, installed in October 2011.

Rolling Wave is comprised of thousands of laminated glass elements (2 inch squares by 1/2 inch thick laminated glass) attached to hundreds of stainless steel cables at precise intervals to create the curving, three-dimensional, light-responsive shape intended to interact with and fascinate students, staff and visitors to the center.

The glass elements are laminated with a high-tech dichroic coating that projects the color blue and reflects its opposite, gold/orange. (Dichroic coating is a special high-tech thin film coating developed by NASA that projects one color and reflects its opposite complement by splitting white light into complementary colors.) The color changes dynamically depending on the angle of the light source and the viewpoint of the spectator.

In designing "*Rolling Wave*," King was inspired by the magnificent natural beauty of the Pennsylvania countryside with the elevations and depressions, the hills and ravines against the dramatic big sky that characterize the landscape. The amorphous shape of the sculpture echoes patterns found in nature, but interpreted with a modern high tech aesthetic to evoke digital matter frozen in space.