Astronomers captured the motion of a blast wave that moves at nearly 9 million miles per hour. Data from NASA’s Chandra X-ray Observatory collected over a span of about 14 years are shown in the three boxes on the left. This blast wave was created when a star exploded, which also left behind a pulsar that blew energy and particles into the hand-like structure seen in a Chandra image on the main panel of the graphic.

Credit: NASA/SAO/NCSU/Borkowski et al.