The son of a founder of the Detroit Medical College and one of the first surgeons to perform a successful thyroidectomy in the United States, Theodore A. McGraw, Jr. was born in 1875 and educated at Yale College and the College of Physicians and Surgeons in New York City where he received a medical degree in 1902. Returning to Detroit in 1904, he entered private medical practice as a surgeon but his career was interrupted by an operation for exophthalmic hyperthyroidism that was only partially successful and he entered Harvard Medical School to take postgraduate work in internal medicine, specializing in endocrinology. A year's service with Base Hospital Unit #36 during the first World War earned him a citation for devotion and efficiency from General Pershing but undermined his health and strength, adding a damaged heart to a return of his hyperthyroidism. Another thyroidectomy following his discharge from the army was again only partially successful but he returned to his medical practice and endocrinological research. While visiting the Lapeer Institute for the Feeble-Minded in the fall of 1924, he contracted a severe infection and died within forty-eight hours.

The Theodore McGraw, Jr. Collection consists of a diary kept by Dr. McGraw during his final year as an undergraduate student at Yale College in 1898.