1969 John M. Tew, Jr., MD, is awarded the Van Wagenen Fellowship, which allows him to train under Gazi Yasargil, MD, the founder of micro-neurosurgery, at the University of Zurich.

1982 Tew becomes Chairman of the Department of Neurosurgery at UC.

1983 UC / Mayfield Department of Neurosurgery formed.

1984 Tew becomes the first surgeon in the United States to receive FDA approval to use the YAG (yttrium-aluminum-garnet) laser to vaporize previously inoperable brain tumors.

1990 Under the direction of Ronald E. Warnick, MD, UC becomes one of four U.S. centers to use gene therapy for the treatment of recurring brain tumors. Dr. Warnick later receives the Mahaley Clinical Research Award for this effort.

1992 Tew, Warnick, Peter Stambrook, PhD, and Robert Brackenbury, PhD, earn a $2.25 million NIH grant to establish a Brain Tumor Research Center at UC; it is one of eight such centers in the United States.

1993 The Frank H. Mayfield Chair in Neurosurgery is established. Tew is the first recipient.

1997-1998 Warnick is the principal investigator in a national trial that studies the effectiveness of gene therapy treatment for recurrent glioblastoma; he is honored with Mahaley Award for his work.

1998 Five UC departments (Neurosurgery, Neurology, ENT, Internal Medicine and PM&R) join to form the UC Neuroscience Institute

1999 The Neuroscience Institute at University Hospital becomes first in the world to use the LEXAR radiosurgery system to target brain tumors with high-dosage beams of radiation. It introduces AIRIS intraoperative MRI to North America. Robert Lukin, MD, Tew, and Warnick confirm the value of MRI scans during surgeries to ensure that all traces of tumor have been removed.

2001 Tew, Harry van Loveren, MD, and Jeffrey Keller, PhD, publish the Atlas of Operative Microneurosurgery, Vol 2: Brain Tumors.

2003 Warnick and John Breneman, MD, become Co-Directors of the new Precision Radiotherapy Center in West Chester, Ohio.

2004 Warnick and Breneman culminate their research on implant therapy for brain tumors with a finding that surgery, radioactive seeds, and chemotherapy wafers can extend survival time in people with recurrent glioblastoma.

2007 Chris McPherson, MD, and James Leach, MD lead research that integrates functional MRI and diffusion tensor imaging (DTI) with image-guided-surgery using BrainLab iPlan. The brain mapping technique increases safety of tumor removal.

2008 The UC Brain Tumor Center is established within UCNI with a $26 investment from University Hospital, UC, neuroscience-related physician practices, and the community.

2009 The UC Brain Tumor Center Community Advisory Council, chaired by former U.S. Bank Executive Kathy Beechem, is established.

2010 Walk Ahead for a Brain Tumor Cure launched on 10/10/10.

2011 A $2 million gift from the Harold C. Schott Foundation helps launch the Brain Tumor Molecular Therapeutics Program, the first U.S. research program dedicated to studying brain metastasis.

2012 El Mustapha Bahassi, PhD, and Stambrook and their research team sequence the genomes of 10 glioblastoma tumors. In a major innovation, they seek biomarkers of glioblastoma by identifying genetic abnormalities in individual tumors and by using simple blood tests to identify the presence of those abnormalities in the bloodstream.

2012 Fundraising events launched by the Community Advisory Council, including a wine-tasting, Walk Ahead, and the Shemenski Foundation Bowl-a-Thon, surpass $500,000.

2013 The John M. Tew, Jr., MD, Chair in Neurosurgical Oncology is established. Warnick is the first recipient.

ENDOWED CHAIR: Warnick appointed the John M. Tew Chair in Neurosurgical Oncology.