

GLIOBLASTOMA RESEARCH PROGRAM



CDMRP
DEPARTMENT OF DEFENSE
CONGRESSIONALLY DIRECTED
MEDICAL RESEARCH PROGRAMS

MISSION: Promote rigorous, high-impact research to drive scientific discovery and advances in diagnosis, treatment and quality of life for patients with glioblastoma

Congressional Appropriations

FY24: **\$10M** total



“The Glioblastoma Research Program continues the CDMRP’s commitment to funding high-impact research and patient care by prioritizing a diverse stakeholder group, including patient involvement at each level. As a long-term brain cancer survivor, I applaud Congress for investing in research to address this devastating disease, and I’m consistently impressed by the GBMRP’s leadership for their commitment to understanding the patient experience. From quality of life to innovative research, the GBMRP is setting a vision for medical research that is holistic and patient-centered.”

Adam Hayden, National Brain Tumor Society, FY24 GBMRP Programmatic Panel Member



SCOPE OF THE PROBLEM



Glioblastoma is the **most commonly** diagnosed form of brain cancer.¹



In the United States, nearly **13,000 people** receive glioblastoma diagnoses each year.²



Median overall survival for patients is **15 to 18 months** and 5-year survival is **less than 10%**.¹

RELEVANCE TO MILITARY HEALTH

Exposure to chemical and other hazards in various environments may **increase the risk** of brain cancer and glioblastoma.³

Brain cancer is the **third most common** cause of cancer death in the U.S. active-duty military.⁴

The Department of Defense Automated Central Tumor Registry includes over **2,000** glioma cases from 1987 to 2013.⁴

Glioblastoma is the **most aggressive** subtype of glioma.⁵

The registry identified **965** specific glioblastoma cases.⁴

PROGRAM PRIORITIES

- Develop new treatments or advance existing therapies to improve outcomes for glioblastoma patients
- Expand glioblastoma resources for the research and clinical communities
- Identify novel approaches for disease detection and monitoring

¹ Wen PY, et al. *Neuro Oncol* 22, no. 8, 2020: 1073-1113.

² Ostrom QT, et al. *Neuro Oncol* 25, suppl. 4, 2023: iv1-iv99.

³ <https://www.va.gov/resources/presumptive-cancers-related-to-burn-pit-exposure/#brain-head-neck-and-nervous-sy>

⁴ Lin J, et al. *Cancer* 126, no. 13, 2020: 3053-3060.

⁵ Kanderi T, et al. Glioblastoma Multiforme. [Updated 2024 May 6]. In: StatPearls [Internet].

Point of Contact: CDMRP Public Affairs, dha.detrick.cdmpm.mbx.public-affairs@health.mil

For more information, visit: <https://cdmpm.health.mil/gbmrp/>



05/2025