

The Cryptic Masons Medical Research Foundation & The Indiana University School of Medicine



Meet Dr. Michael Murphy

The Cryptic Masons Medical Research Foundation Professor of Vascular Biology Research

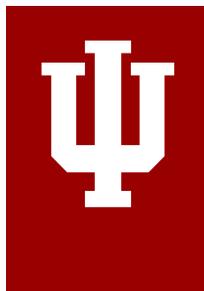
Born and raised in New York, Dr. Murphy earned both his B.S. in Biochemistry and his M.D. from Columbia University. He underwent surgery training at Harvard Medical School, going on to complete a research fellowship and earn a faculty position there. By 2003, Dr. Murphy was on faculty at Duke University when he felt the call to serve his country and respond to the critical shortage of surgeons in Iraq. At age 42, he joined the Army Reserves. In October 2004, he was deployed emergently to Iraq, where he took part in the Second Battle of Fallujah.

Considered some of the heaviest urban combat U.S. forces have faced since the Battle of Hue City in Vietnam, Dr. Murphy oversaw “Damage Control Surgery” at the 31st Combat Support Hospital. Dr. Murphy helped to reduce the deaths from combat injuries dramatically and was awarded an Army Commendation Medal, a Meritorious Service Medal, and a Bronze Star. Once he returned to the U.S., Dr. Murphy took a faculty position at Indiana University.



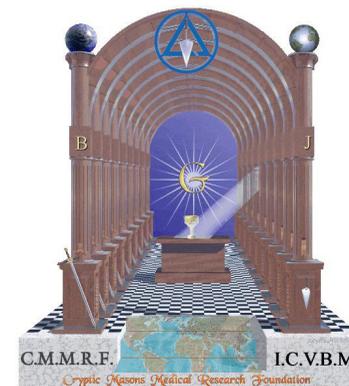
Above: Dr. Murphy in Iraq

The CMMRF has been working with Indiana University since 1986, and their funding is vital to this mission. Programs with CMMRF funding can get discoveries from the lab to a patient’s bedside in only 12 months, compared to similar programs that may not reach patients for up to 5 years.



RESEARCH FOCUSES:

- New, more efficient approaches to promote wound healing and vascular growth with the goal of decreasing amputations in diabetic patients
- Research on growing new blood vessels in critical limb ischemia, using stem cells derived from bone marrow or fat tissue.
- Creating and refining animal models to better study new treatments for things like arterial disease, making the journey from the lab to the patient that much shorter.
- Using stem cells to prevent aortic aneurysm, a rupture of the aorta that is fatal eighty percent of the time.
- Slowing or even reversing heart failure caused by chemotherapy using stem cells taken from healthy donors and injected into patients.



All money sent to the Indiana University Vascular Research Program is used to research:

- Heart Disease
- Diabetes
- Aortic Aneurysm
- Regenerative Medicine
- Circulation
- Wound Healing
- Peripheral Arterial Disease
- Stroke
- And more!

DONOR RECOGNITION PROGRAM

Because we appreciate your generosity, appropriate lapel pins, and plaques are awarded based on cumulative totals.

Individuals

\$50	Bronze Lapel Pin	\$100	Bronze with Stone Lapel Pin
\$150	Silver Lapel Pin	\$300	Silver with Stone Lapel Pin
\$500	Gold Lapel Pin	\$750	Gold with Stone Lapel Pin
\$1,000	Nine Arch Triangle Plaque	\$2,000	Gold Lapel Pine with 2 Diamond chips

Councils

\$1,000	Nine Arch Triangle Plaque
\$2,000	Extender Bar for Plaque

Each additional \$1,000 donation will earn another extender bar for the Council or another diamond chip for the individual.