ADVANCING THE FUTURE OF NEUROLOGICAL SURGERY
RESIDENT RESEARCH AND EDUCATION

The University of Wisconsin-Madison is known for its rich system of basic and translational research that attracts approximately two billion dollars in federal funding annually. Since 1942, the Department of Neurological Surgery at the University of Wisconsin School of Medicine and Public Health has made significant contributions to research. Under the stewardship of former chair, Manucher Javid, MD, the groundwork was laid for research and development as a cornerstone of resident training. As a result, our residents have continued to expand the boundaries of neurological surgery knowledge.

Robert Dempsey, MD, the current chair of the Department of Neurological Surgery, recognized immediately the significance of this research base and the importance of academic medicine in resident training and education. He understood that excellence is driven by the integration of education, patient care and research. These components help recruit a new generation of neurosurgical leaders, promote educational innovation, initiate clinical trials, advance research excellence and foster a valuable asset for the Madison community and beyond.

ONE RESIDENT’S STORY

Carolina Sandoval-Garcia, MD, began her seven-year residency in the Department of Neurological Surgery in 2010. Like other UW neurosurgery residents, she was required to spend one year conducting academic research. With a primary interest in cerebrovascular pathologies, Dr. Sandoval-Garcia chose to focus on the carotid atherosclerotic disease research being performed in Dr. Dempsey’s laboratory.

She also began collaboration with Charlie Strother, MD, Department of Radiology emeritus professor, who has pioneered many advances in the field of cerebral vessel. Dr. Sandoval-Garcia proposed work on 4-D digital subtraction angiography (DSA) as a novel “time-resolved” 3-D DSA technique for the diagnosis and treatment planning of cerebrovascular pathologies, particularly arteriovenous malformations and fistulas. Dr. Sandoval-Garcia’s research initiatives have been recognized by the American Association of Neurological Surgery and the Congress of Neurological Surgery joint section on cerebrovascular surgery, where she recently received a resident award (pictured above with Dr. Dempsey receiving the Robert J. Dempsey, MD Cerebrovascular Research Award).

continued
THE FUNDING OPPORTUNITY

In 2015, the Department established the Manucher J. Javid Resident Education and Research Fund to honor Dr. Javid for his legacy of research excellence and longstanding support of resident education and training. The timing also recognized the 25th anniversary of the creation of the Department of Neurological Surgery as a standalone entity within the UW School of Medicine and Public Health.

Providing opportunities for residents to work side-by-side with the best scientists and doctors in their field costs approximately $100,000 per year per resident. To assist with this critical priority, the Department of Neurological Surgery has created an endowed fund.

According to Dr. Dempsey, “The Manucher J. Javid Resident Education and Research Fund has been created to ensure that the department’s legacy of exceptional resident education thrives for years to come. It is the lifeblood of our department.”

To make a difference and help us continue our rich tradition of resident education and research, please consider a gift to the Manucher J. Javid Resident Education and Research Fund.

For more information or to make a contribution online, please visit neurosurgery.wisc.edu/make-a-gift or contact:

Sara DeTienne, Director of Development
Department of Neurological Surgery
University of Wisconsin School of Medicine and Public Health
(608) 320-4513 or sara.detienne@supportuw.org
I/We wish to make an investment in the work of the Department of Neurological Surgery.

GIFT DESIGNATION

☐ Neurological Surgery Manucher J. Javid Education and Research Fund (#112587886)
☐ Neurological Surgery General Fund (#112588200)
☐ Neurological Surgery Research and Education: Cerebrovascular, Stroke, Aneurysm, Skull Base Fund (#112582512)
☐ Neurological Surgery Tumor Research and Education Fund (#112583458)
☐ Pediatric Neurological Surgery Research and Education Fund (#112584868)
☐ Neurological Surgery Spine and Spinal Cord Research and Education Fund (#112582060)
☐ Functional and Epilepsy Research and Education Fund (#112583459)

PAYMENT OPTIONS

☐ Enclosed is a check made payable to UW Foundation.
   You will receive a receipt for your gift.

☐ Please charge $ _______________ to my:
   ☐ Visa  ☐ MasterCard  ☐ American Express  ☐ Discover

☐ I/We pledge $ ______________ per year to be paid over ______ years for a total of $ ______________, beginning in ______________ (MONTH/YEAR) and ending in ______________ (MONTH/YEAR). Please send me an annual pledge reminder in ______________ (MONTH).

☐ My company, ________________________________ will match my contribution.
   ☐ I have enclosed my matching gift form.
   ☐ I will initiate the matching gift process on my company’s website.

ONLINE OPTION

Visit neurosurgery.wisc.edu/make-a-gift to donate online.
Thank you for supporting the mission of the Department of Neurological Surgery.