



## THE 2011-2012 IOWA FRATERNAL ORDER OF EAGLES STATE CHARITY MULTIPLE SCLEROSIS RESEARCH AND PATIENT CARE AT THE UNIVERSITY OF IOWA



Jake and Barb Roush, the 2011-2012 Worthy State President and Madam State President of the Fraternal Order of Eagles in Iowa, have selected the state charity for Iowa Eagles: multiple sclerosis (MS) research and patient-care efforts at The University of Iowa.

Jake and Barb believe strongly in the Eagles' mission of "people helping people." But this fundraising effort is especially meaningful to them, because their daughter, Lori, has been stricken with MS. **With the help of their brothers and sisters in the Iowa Eagles, they plan to raise \$200,000 during 2011-2012 to strike a blow against this terrible disease.**

Multiple sclerosis is an inflammatory neurological disease that blocks nerves from sending signals to the rest of the body. The disease is caused when the body's immune system attacks the tissue surrounding the spinal cord and nerves, called the myelin sheath, causing it to break down. When the sheath breaks down, it can cause hardened spots, called scleroses. These spots prevent the nerves from sending their messages to the rest of the body. The parts of the body that do not receive these signals cannot function, causing them to fail and often resulting in severe pain.

A team of researchers at the UI, led by Asgar Zaheer, Ph.D., of the UI Department of Neurology and the Veterans Administration hospital in Iowa City, is making exciting strides in the fight against MS. The UI researchers were the first in the world to discover that when the brain overproduces a particular protein, called GMF, it results in the inflammation that triggers the immune system to attack the myelin sheath.

Dr. Zaheer's team has gone a step further, and developed an antibody that stops the negative effects of the GMF protein. Over years of testing with different types of mice, they have discovered that not only does this new antibody keep the GMF from triggering MS, but it also is nontoxic and causes no harm to the immune system. The researchers are now ready to test the antibody in human MS patients through clinical trials—and the money raised by the Iowa Eagles will be crucial in helping them do so.

**Through this year's state fundraising campaign, the Iowa chapter of the Fraternal Order of Eagles can help University of Iowa researchers find a cure for MS.**

People struggling with MS face a very difficult challenge. The disease often causes balance problems, uncontrollable spastic movements, vision problems, severe pain, changes in cognitive function, and loss of bladder and bowel control. At the UI's Multiple Sclerosis Clinic, led by E. T. Shivapour, M.D., a compassionate team of health-care providers works to relieve the suffering and improve the lives of MS patients. Patients come from across the state to the clinic.

An important part of the Multiple Sclerosis Clinic's service is providing devices that increase mobility and enhance quality of life. Wheelchairs, scooters, walkers, and assistive vision technology can make a world of difference to a patient who has trouble performing basic functions that most of us take for granted. **The Iowa Eagles' charitable support will enable the UI Multiple Sclerosis Clinic to provide more aid to MS patients.**

Another crucial service that the MS Clinic provides is education and outreach in communities throughout the state of Iowa. It is important that people understand the impact of MS and how they can help their neighbors, friends, and family with MS. In addition, health-care providers across Iowa are able to learn the latest in MS treatments and care from Dr. Shivapour and his team from the clinic. **The funds raised by the Iowa Eagles will help the UI Multiple Sclerosis Clinic travel the state and educate communities about MS.**

Your gift to the Iowa chapter of the Fraternal Order of Eagles will help The University of Iowa conduct amazing research and provide a better quality of life for MS patients from across the state.

No one knows this better than the 2011-2012 Grand Worthy State President and Madam State President, Jake and Barb Roush. They have been working with the MS team at the UI for years as they care for their daughter, Lori. Now they are leading the Iowa Eagles in fulfilling the motto that its members take to heart: "People helping people."

Please make your gift today to advance multiple sclerosis research and patient care at The University of Iowa! For more information, please contact:

**Jerry and Barbara Roush**  
Email: [Jerryroush@iisco.com](mailto:Jerryroush@iisco.com)

The State University of Iowa Foundation is a 501(c)(3) tax-exempt organization soliciting tax-deductible private contributions for the benefit of The University of Iowa. The organization is located at One West Park Road, Iowa City, IA 52242; its telephone number is (800) 848-8873. Please consult your tax advisor about the deductibility of your gift.

If you are a resident of the following states, please review the applicable, required disclosure statement. **GEORGIA:** A full and fair description of the charitable programs and activities and a financial statement is available upon request from the organization using its address/telephone number, listed above. **MARYLAND:** A copy of the current financial statement is available upon request from the organization using its address/telephone number, listed above. For the cost of copies and postage, documents and information submitted under the Maryland Solicitations Act are available from the Secretary of State, 16 Francis Street, Annapolis, MD 21401, 410-874-5521. **NEW JERSEY:** INFORMATION FILED WITH THE ATTORNEY GENERAL CONCERNING THIS CHARITABLE SOLICITATION AND THE PERCENTAGE OF CONTRIBUTIONS RECEIVED BY THE CHARITY DURING THE LAST REPORTING PERIOD THAT WERE DEDICATED TO THE CHARITABLE PURPOSE MAY BE OBTAINED FROM THE ATTORNEY GENERAL OF THE STATE OF NEW JERSEY BY CALLING 973-504-8215 AND IS AVAILABLE ON THE INTERNET AT <http://www.state.nj.us/tps/ca/charity.htm>. **REGISTRATION WITH THE ATTORNEY GENERAL DOES NOT IMPLY ENDORSEMENT.** **NEW YORK:** A copy of the last financial report filed with the Attorney General is available upon request from the organization using its address/telephone number, listed above, or from the Office of the Attorney General, Department of Law, Charities Bureau, 120 Broadway, New York, NY 10271. **PENNSYLVANIA:** The official registration and financial information of the State University of Iowa Foundation may be obtained from the Pennsylvania Department of State by calling toll free, within Pennsylvania, (800)732-8889. Registration does not imply endorsement. **WASHINGTON:** Financial disclosure information is available upon request from the Secretary of State, Charities Program, by calling (800) 332-4483. **WEST VIRGINIA:** West Virginia residents may obtain a summary of the registration and financial documents from the Secretary of State, State Capitol, Charleston, West Virginia 25305. Registration does not imply endorsement.

