

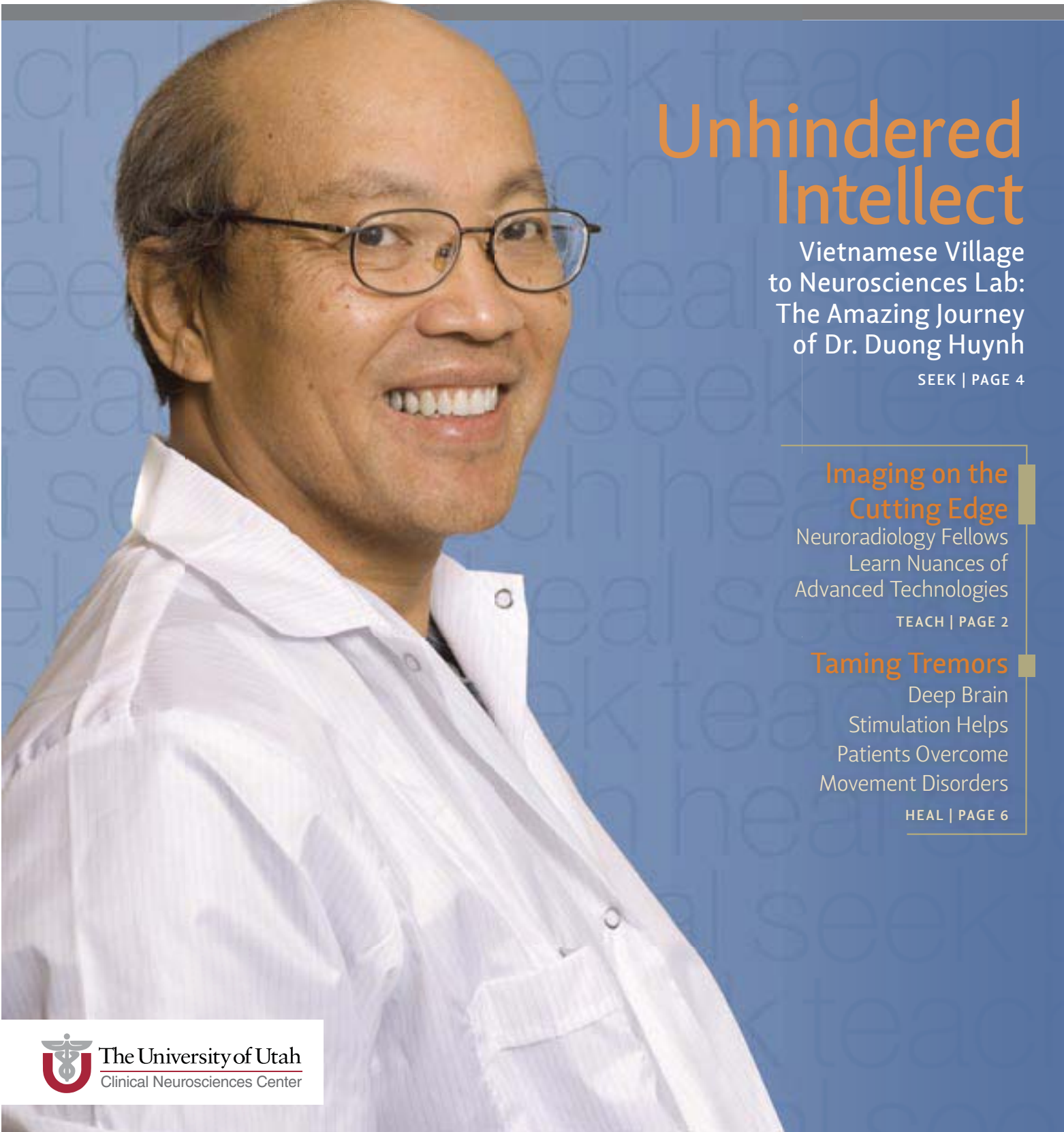
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THE UNIVERSITY OF UTAH
CLINICAL NEUROSCIENCES CENTER



Unhindered Intellect

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The Amazing Journey of Dr. Duong Huynh

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Stimulation Helps
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The University of Utah
Clinical Neurosciences Center


Leading by Example

At the Clinical Neurosciences Center at The University of Utah, medical students get a first-hand glimpse of expertise in the field of radiology, courtesy of world-class professors like Karen Salzman, MD, Associate Professor in the Department of Radiology and Chief of the Division of Neuroradiology.

Dr. SALZMAN received her medical degree from the University of Florida College of Medicine and completed her residency in diagnostic radiology at the University of Texas–Houston Medical School/The University of Texas M.D. Anderson Cancer Center. Her medical experience also includes a two-year neuroradiology fellowship completed at The University of Utah prior to joining the faculty of the Department of Radiology at The University of Utah and the Huntsman Cancer Institute.

In her role as an Associate Professor in the Department of Radiology, Dr. Salzman combines her experience in radiology and neurooncology with a commitment to quality instruction and upholding the level of excellence evidenced by the

department's consistently top-ranking performance on program assessments.

Dr. Salzman's research interests include clinical investigations of primary brain tumors and head and neck tumors, advanced imaging techniques including magnetic resonance (MR) spectroscopy and MR perfusion, and the effects of advanced imaging on the evaluation of brain tumor response to radiation and chemotherapy. Her research efforts have resulted in numerous publications addressing conditions such as intracranial germ cell tumors and intralabyrinthine schwannoma. She also worked with Anne G. Osborn, MD, Distinguished Professor of Radiology at The University of Utah on the authoritative academic text, *Diagnostic Imaging: Brain*. 



Karen Salzman, MD, Associate Professor in the Department of Radiology and Chief of the Division of Neuroradiology at The University of Utah (front), counsels Neuroradiology Fellows (from left) Wayne S. Fang, MD, Nicholas A. Lazzaro, MD, and Sirisha T. Komakula, MD.



Pushing Boundaries

The Neuroradiology Fellowship Program at The University of Utah offers fellows exposure to all subspecialty areas of neuroradiology.

Fellowship participants receive training in state-of-the-art head and neck imaging, with particular emphasis on diagnostic use of high-resolution magnetic resonance imaging (MRI), magnetic resonance angiography, interventional neuroradiology, radiology informatics, and pediatric neuroradiology.

"Neuroradiology offers physicians greater insight into clinical diagnosis as well as treatment strategies," says Sirisha Komakula, Junior Fellow at the Neurosciences Center. "In many cases, we can offer alternative, minimally invasive treatment options. With functional imaging, our aim is greater understanding of the pathophysiology of the disease to facilitate early diagnosis."

Learning modalities include more than 35 lectures over the course of a year on topics ranging from ocular tumors and cerebrovascular malformations to decisions to stent as treatment for carotid atherosclerosis and basics of perfusion MRI. In addition, considerable hands-on experience results from a caseload of more than 14,000 MRIs, 16,000 CTs, and 800 interventional procedures per year, as well as an average of 25 radiographs per day.

"We have been trained using leading technologies in the clinical setting and perform research, such as functional MRI, which can look at how existing neural networks in the brain can be affected by Alzheimer's disease, for example," says Wayne Fang, Senior Fellow at the Neurosciences Center. "It has been a rewarding experience, sharing ideas and working with referring physicians as we help patients using advanced neuroradiology."

To learn more about the application process for the Neuroradiology Fellowship Program, visit www.utahneurosciences.com and click on "Academic Departments." 