

Research and Development

VA North Texas Health Care System (VANTHCS) ranks among the top Research and Development sites within VA. In partnership with The University of Texas Southwestern Medical Center at Dallas, this program supports 95 investigators and approximately 350



active research projects, including hypertension, heart disease, AIDS, PTSD, and Vocational Rehabilitation in multiple areas.

As a major research center, VANTHCS is able to offer veterans state-of-the-art health care and access to current technology and holds academic

affiliation with The University of Texas Southwestern Medical Center at Dallas (UT Southwestern).

Many investigators have received national recognition for their research accomplishments. Roger Unger, MD, known for his studies in interrelationships between obesity and complications of diabetes and metabolic syndrome, is a member of the National Academy of Sciences and has received the Middleton Award, VA's highest honor for research accomplishment. He holds the endowed title of Touchstone/West Distinguished Chair in Diabetes Research at UT Southwestern.

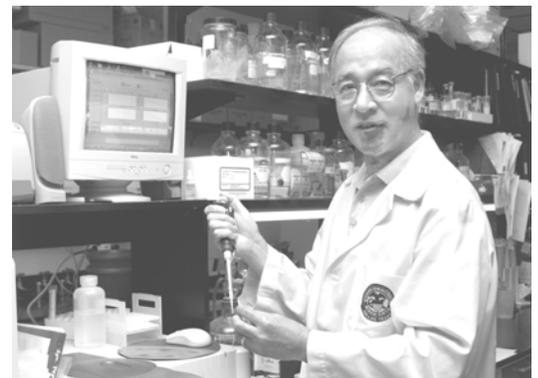
The research studies of Kosaku Uyeda, PhD, examine regulation of enzymes involved in carbohydrate metabolism and the conversion to storage fat. Dr. Uyeda has also received the Middleton Award, is named as a Research Career Scientist, and holds the academic appointment of Professor of Biochemistry at UT Southwestern.

The Dallas VA Research Corporation was created in 1989 as a non-profit foundation to fulfill the research mission of VANTHCS.

Dallas VAMC opened a Clinical Research Unit in January 2000 that provides a central location and information resource for patients, investigators and research teams.

Highlights of Current Research Projects

- Discovery of new factor in liver responsible for converting excess carbohydrates to fat
- Best practices for vocational rehabilitation in spinal cord injury
- Causes and Treatments of Post Traumatic Stress Disorder
- Biological factors in the treatment of substance dependence
- Most effective AIDS treatments
- Treatment options for prostate cancer



Kosaku Uyeda, PhD

Research Accomplishments

- Provided original research for the stomach ulcer drug, Tagamet™
- Contributed to development of a new family of cholesterol-synthesis blockers
- Developed new methods for predicting recovery after heart surgery
- Characterized the structure and mechanism of key enzyme actions required for normal metabolism of sugar and starch