

Naomi Fukagawa, MD, PhD, is Professor of Medicine, Acting Director of the Gerontology Unit, and Associate Director of the General Clinical Research Center (GCRC) at the University of Vermont and Fletcher Allen Health Care. Dr. Fukagawa received her MD degree from Northwestern University and a PhD degree from the Massachusetts Institute of Technology (MIT). She completed her residency training at the University of Pennsylvania (Children's Hospital of Philadelphia) and a gastroenterology/nutrition fellowship at the Children's Hospital, Boston, while pursuing her PhD degree at MIT in nutritional biochemistry. She has held faculty appointments at Harvard Medical School, MIT and Rockefeller University. Her clinical research focuses on nutrition and aging. In 1993, Dr. Fukagawa began "retooling" in molecular and cell biology with the intent of bridging the bench to the bedside while at Rockefeller University. She moved to UVM in 1995 where she continues her work on age- and diabetes-related disorders in human volunteers on the GCRC. The focus has been on oxidative stress, age- and glycemia-related effects on transcription factor activation (NF- κ B and AP-1), mitochondrial function and the regulation of glutathione synthesis in vascular smooth muscle cells (VSMC) and *in vivo* in humans. Dr. Fukagawa is also investigating the link between inhaled pathogenic fibers and cardiovascular disease in an animal model of atherosclerosis using an inhalation facility. Her research is supported by the National Institutes of Health where she currently serves on the Integrated Physiology of Obesity and Diabetes Study Section. She was elected to the American Society for Clinical Investigation, to a term as President of the American Society for Nutrition and to serve as a Delegate-At-Large, White House Conference On Aging in 2005.