*The Vascular Imaging Laboratory at the University of Washington presents:*

# *Carotid Atherosclerosis Imaging:*

## *Application in Clinical Trials and Natural History Studies*

*A Symposium on*

*September 26, 2008*

*At the University of Washington*
*South Lake Union Campus, Seattle, Washington*

The *Carotid Atherosclerosis Imaging* symposium will bring together imaging experts, cardiovascular pathologists, and clinicians to discuss the current status of imaging of carotid atherosclerosis, to understand the quantitative information obtained from different imaging modalities and their association with atherosclerosis, and to determine future directions in clinical trial design and risk assessment. It is presented by Dr. Chun Yuan, Ph.D. in the Dept. of Radiology and Dr. Thomas Hatsukami, M.D. in the Dept. of Surgery.

**Target Audience:** The symposium is aimed at clinical researchers, the imaging community, vascular surgeons, radiologists, pharmaceutical scientists, and clinical trial decision makers.

**Schedule**

**Session 1**: **Carotid Atherosclerosis Pathology & Epidemiology**

- Pathology of Carotid Atherosclerosis and the Vulnerable Plaque
- Carotid Atherosclerosis Epidemiology
- Framingham Risk Score and Relation to Carotid Atherosclerosis

**Session 2: Imaging 1**

- Ultrasound IMT in Population and Pharmaceutical Applications
- PET Imaging of Atherosclerosis
- 3D Carotid Ultrasound
- CT and Novel Imaging Approaches

**Session 3: Imaging 2**

- Advanced Techniques for MRI Plaque Characterization
- Natural History and Risk Assessment by MRI
- Imaging Findings from the MESA and ARIC Studies
- MRI with USPIO: A Unique Window to Study Plaque Inflammation

**Discussion**

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The educational objective of the symposium is to understand the state-of-the-art in carotid plaque pathology and imaging in all modalities, complementary information that different modalities may offer, results from recent clinical trials, and how to incorporate this information into clinical trial design and endpoints, and to determine future directions in clinical trial design and risk assessment.

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Support for the symposium has been provided by:

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## Price

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| **Students and Faculty:** | **Free** |
| **Industry:** | **$100** |

**Registration is required.**

For further information go to:

www.vil.washington.edu/symposium

For registration or questions, please contact the Vascular Imaging Laboratory at:

VIL@u.washington.edu

Or call 206-543-3061