



We invite you to join us for an evening lecture series presenting topics which concern all Alaskans. Premier Alaskan physicians will demonstrate innovations in medical science through lectures and interactive case examples. This year's series will explore the brain, climate effects on our bodies, and close with advancements in treatment of heart disease.

**Alaska WWAMI 2009 Mini Medical School Schedule**  
**7:00pm – 9:00pm - East Auditorium**  
**Providence Alaska Medical Center**  
**3200 Providence Drive, Anchorage Alaska**

*Cost is \$30 for series or \$7.50 per night.*  
*Scholarships available for students.*

*Pre-registration is required due to limited available seating.*

**Registration and Scholarships: Michelle Devine**  
**Alaska WWAMI Regional Affairs**  
**Phone: 907-264-6784**  
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Sponsored by the University of Washington School of Medicine,  
 University of Alaska Anchorage,  
 Providence Alaska Medical Center, and  
 the South Central Area Health Education Center

## Alaska WWAMI Presents 4 Evening Topics:

### Tuesday, October 6th – Why are our brains wired the way that they are?

Ever wonder why your right cerebral hemisphere controls the left side of your body, and vice versa? Dr. Tim Hinterberger, Associate Professor for the Alaska WWAMI Biomedical Program and Department of Biological Sciences at University of Alaska Anchorage will answer this question and more as he introduces the functional anatomy of the human brain.



### Tuesday, October 13th – The stroke attack! One of the most preventable diseases?

Join Dr. Robert A. Lada, the Director of the Stroke Center at Providence Alaska Medical Center, to unlock some of the mystery surrounding strokes. Come to learn the latest on our new understanding of cerebral vascular accidents (CVA) : their cause; prevention; early recognition and new forms of therapy.

### Tuesday, October 20th – Climate change and the impact on human health: An Alaska perspective

Dr. Jeff Demain, Founder and Director of the Allergy, Asthma and Immunology Center of Alaska and Clinical Associate Professor of Pediatrics for the University of Washington School of Medicine considers Alaska's temperatures which are rising at four times the global average. Don't miss an opportunity to hear how this climate change can affect your health.



### Tuesday, October 27th – The revolution in cardiac scanning

Come hear Dr. Christopher Dyke as he opens up the world of cardiovascular MRI. You will learn the latest on diagnosing heart disease through our newest scanning techniques. Will cardiac angiograms be history? Can we screen patients for significant coronary disease by passing them through the scanner? What is coming in the future?

## 2009 Mini Medical School Program Moderators



Dr. Thomas Nighswander has been active in rural health medicine in Alaska for 36 years and has worked as a Family Practitioner and Emergency Room Physician at the Alaska Native Medical Center in Anchorage. He is currently a Regional Assistant Dean for the Alaska WWAMI Program and a consultant for the Alaska Native Tribal Health Consortium. He is a Vice President of Commonwealth North and served as co-chair of their study on the cost, quality and access to health care in Alaska.

He and his wife Ruth, a school nurse, are actively involved with the Malawi Children's Village, an HIV AIDS orphan project in Central Africa. They served there as Peace Corp Volunteers in the late 60's.



Dr. Dennis Paul Valenzano has served as Director of Alaska WWAMI at UAA for 5½ years where he is also a Professor and Associate Dean for Medical and Premedical Programs. He was previously a Professor of Molecular and Integrative Physiology at the University of Kansas Medical Center. As Alaska WWAMI Director Dr. Valenzano is an Assistant Dean and Affiliate Professor at the University of Washington School of Medicine. He has been actively involved in curricular design for medical education and has a long record of publication and extramural research support in photobiology related to reactive oxygen effects on cardiac tissue.