



Tuesday, November 6, 2001

Eye research featured at colloquium

Biomedical Sciences Professor Barry S. Winkler of Oakland University's **Eye Research Institute** will kick off this year's President's Colloquium Series with a discussion on eye research Tuesday, Nov. 13, at 11.30 a.m.

Winkler's talk, "Understanding the Contribution of the Retina to Vision: Normal Function and Selected Examples of Abnormalities," will include an overview of the workings of the eye – from the cornea to the retina.

Winkler will discuss the behavior of retinal cells when they are exposed to different conditions that alter their function, and he will describe some of the causes and treatments of common eye disorders such as age-related macular degeneration, retinal detachment and diabetic retinopathy.

"Our goal is to provide a clearer understanding of the physiological and biochemical properties of the different classes of retinal cells that enable them to continue to function well over many decades," he said. "Our work at the Institute has made a significant contribution to the overall understanding of this area."

In addition to full-time research in the **Eye Research Institute**, Winkler is the interim director of the Honors College. He served on the Visual Sciences C Study Section of the National Institutes of Health from 1990-1995 and was chair of the review panel from 1993-1995. He currently is a member of the editorial board of *Investigative Ophthalmology and Visual Science* (1997-2002). The President's Colloquium Series at Oakland University was established in 1995 to showcase achievements of Oakland University researchers, to promote communication and collaboration among scientists and to recognize the outstanding work of 'Nobel Class' scientists.

The next presentation in the series is Feb. 7, when Professor Jay Meehan will address racial profiling issues. To conclude the 2001-2002 series, Interim Provost and Vice President for Academic Affairs Virinder Moudgil will present breakthroughs in his research on breast cancer. The event will be held in March to coincide with women's history month.

The President's Colloquium events are open to the public but reservations are required. To make a reservation, call (248) 370-4648.

SUMMARY

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