

DULUTH--A noted volcanologist who began his career as an archaeologist will discuss volcanic development of the Lake Superior region at the two-day institute on Lake Superior geology at UMD next week.

Howel Williams, chairman of the department of geology at the University of California, Berkeley, will address the institute dinner at 6:30 p.m. Monday (April 21) in Kirby Student center ballroom. The institute will continue through Tuesday.

Speaking on "Glowing Avalanches," Professor Williams will relate some of the findings of modern volcanology to problems involved in studying Lake Superior region volcanic deposits.

A native of Liverpool, England, Professor Williams received the M.A., M. Sc. and D. Sc. degrees from the University of Liverpool. He also studied at the Imperial College of Science.

He became associate professor of geology at the University of California in 1930, professor in 1937 and chairman of the department in 1945.

He has had Guggenheim fellowships in 1949-50 and 1957-58, was William Smith lecturer at the Geological Society of London in 1952 and was the first Condon lecturer at the University of Oregon in 1946.

He is associate editor of the American Journal of Science, has written or collaborated in writing three geology books and has authored more than a score of papers dealing principally with volcano study.

Curious about the kinds of stone of which artefacts he found as a young archaeologist were made, Professor Williams turned to geology and then specialized in volcanology.

In his research he has visited volcanic sites in Germany, France, the Hawaiian islands, the Society islands, Alaska, New Zealand, Java, Bali, Japan, Mexico, Guatemala, Nicaragua, El Salvador, Costa Rica, and Italy.

The institute will bring to the UMD campus 26 authorities who will speak on various aspects of Lake Superior geology. Invitations have been sent to area professional men and others interested in the field.

Co-sponsored by the Lake Superior Geology club and the UMD department of geology, the institute has been arranged through the University center for continuation study in Minneapolis.