Title: Visual sensitivities of Lake Superior Fishes

From the shallows, to the open waters of Lake Superior, fish are able to find prey and avoid predators despite potentially unfavorable conditions of high turbidity in industrialized areas and minimal light intensity at great depths. Until recently the role of vision in these interactions has received little attention. In this seminar, the results of electroretinography experiments conducted on six species of Lake Superior fish will be discussed. I will shed light on their spectral sensitivities as well as the relation of vision to the properties of light attenuation in the lake.