

UNIVERSITY FOR SENIORS
University of Minnesota-Duluth Continuing Education
Winter Term

Research at EPA in Duluth: A historical perspective

(January 14 – February 4, 2010)*

Presentation #2 (Thursday February 4 at Noon)

Uptake, metabolism, and tissue distribution of chemicals in organisms

Mike

Hornung

This talk will explain how chemicals get into aquatic species, what tissues and organs the chemicals move into, and what can happen to the chemicals once they get there. This will be presented using examples from recent studies conducted using state-of-the-art microscopy with embryonic and newly hatched fish. Investigating these processes helps toxicologists understand how chemicals may, or may not, produce toxicity in a given species.