

1014-N1-819      **William R Fuller\*** (w-fuller@onu.edu), Department of Mathematics, Ohio Northern University, Ada, OH 45810. *A Salamander's Tale: Art and Mathematics at Ohio Northern*. Preliminary report.

Some examples of "found" mathematics from the campus of Ohio Northern University will be discussed. Mathematics is a liberal art because it liberates and deepens our vision of the world. By seeing the implicit mathematical structure in a work of art we gain a deeper and more meaningful experience of that work. How this may occur will be developed by considering the mathematical structures of several works of art from ONU with special focus on the armature of the sculpture, *Le Guardo de Gaudi*, by Cherie Grant. (Received September 24, 2005)