

1125-01-1032 **Della Dumbaugh*** (ddumbaugh@richmond.edu), Department of Mathematics & Computer Science, University of Richmond, Richmond, VA 23173. *Solomon Lefschetz: The Man, The Mathematics*. Preliminary report.

Solomon Lefschetz played a critical role in the American mathematical community in the early twentieth century. He contributed significantly to algebraic topology, its applications to algebraic geometry, and the theory of non-linear ordinary differential equations. He not only exhibited academic excellence in mathematics, but he also demonstrated leadership as a faculty member at the University of Princeton and as President of the American Mathematical Society. He also edited the Annals of Mathematics and revised American engineering education. Even with all of his contributions to mathematics and the broader community, Lefschetz is often described as a man with rather unpleasant characteristics. Yet, Lefschetz alone wrote the letter that would bring Emil Artin and his young family to America to escape the situation in Nazi Germany. This talk offers a richer understanding of Lefschetz the man and his work in mathematics. (Received September 14, 2016)