

1145-01-1898 **Della Dumbaugh*** (ddumbaugh@richmond.edu), Department of Mathematics & Computer Science, University of Richmond, Richmond, VA 23173. *Aiming for High Standards: Solomon Lefschetz as Editor of the Annals of 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. Lefschetz served as the main editor for the *Annals of Mathematics* from 1928 to 1958, an important period for the journal. During this time, it became an increasingly well-known and respected journal. Its rise, in turn, stimulated American mathematics. This work specifically looks at Lefschetz's role as editor of the *Annals*, the papers that were published in the journal, the editorial boards, and the authors of the more than 1800 articles that appeared during his editorship. (Received September 24, 2018)