ENROLLED SENATE
RESOLUTION NO. 52 By: Snyder, Brown, Cain, Campbell, Capps, Dickerson, Douglass, Dunlap, Easley, Fair, Fisher, Ford, Gustafson, Haney, Harrison, Helton, Hendrick, Henry, Herbert, Hobson, Horner, Kerr, Laughlin, Leftwich, Littlefield, Long, Maddox, Martin, Mickle, Milacek, Monson, Morgan, Muegge, Price, Rabon, Roberts, Robinson, Rozell, Shurden, Smith, Stipe, Taylor, Weedn, Wilcoxson, Wilkerson, Williams, Williamson and Wright

A Resolution praising the accomplishments of Herbert A. Hauptman; welcoming Dr. Herbert Hauptman to the University of Central Oklahoma and the State of Oklahoma; and directing distribution.

WHEREAS, Herbert A. Hauptman was born on February 14, 1917, in New York City, New York, the oldest child of Israel Hauptman and Leah Rosenfeld. Herbert Hauptman received his B.S. degree in mathematics from City College of New York in 1937, his M.A. degree in mathematics from Columbia University in 1939 and his Ph.D. degree from the University of Maryland. He worked as a mathematician and supervisor in various departments at the Naval Research Laboratory before moving to the Medical Foundation of Buffalo; and

WHEREAS, Dr. Herbert A. Hauptman is a world renowned mathematician who pioneered and developed a mathematical method that has changed the whole field of chemistry and opened a new era in research in the determination of molecular structures of crystallized materials. Dr. Hauptman's direct methods, which he has continued to improve and refine, are routinely used to solve complicated structures. It was the application of this mathematical method to a wide variety of chemical structures that led the Royal Swedish Academy of Sciences to name Dr. Hauptman recipient of the 1985 Nobel Prize in Chemistry for "outstanding achievements in the development of direct methods for the determination of crystal structures". His work enabled scientists to reduce calculation time to determine the structure of molecules from two years to two days; and

WHEREAS, in addition to the Nobel Prize, Dr. Hauptman was elected to the National Academy of Sciences in 1988, served as President of the Philosophical Society of Washington for 1969-1970 and served as President of the Association of Independent Research Institutes for the period 1979-1980. Dr. Hauptman has received numerous honorary degrees from prestigious institutions and has authored over 170 publications, including journal articles, research papers, chapters and books; and

WHEREAS, in 1970 Dr. Hauptman joined the crystallographic group of the Medical Foundation of Buffalo, now the Hauptman-Woodward Medical Research Institute. He became Research Director in 1972 and serves today as President as well as Research Professor in the Department of Biophysical Sciences and adjunct professor in the Department of Computer Sciences at State University of New York (SUNY) Buffalo.

NOW, THEREFORE, BE IT RESOLVED BY THE SENATE OF THE 2ND SESSION OF THE 46TH OKLAHOMA LEGISLATURE:

THAT the Oklahoma State Senate praises the many accomplishments of Herbert A. Hauptman.

THAT the Oklahoma State Senate welcomes Dr. Herbert Hauptman to the University of Central Oklahoma and the State of Oklahoma.

THAT a copy of this resolution be distributed to Dr. Herbert Hauptman.