RESUME

NAME: M. Zamir Haq, Ph.D

MARITAL STATUS: Married

JOB OBJECTIVE: Chemist

EXPERIENCE: 1971 to Present

Organic Chemist, Meloy Laboratories, Springfield, Virginia. Mainly involved in the synthesis, analysis and isolation of certain carcinogens from marijuana cigarette smoke condensates with extensive employment of modern techniques i.e. IR, UV, column, paper, thin layer and gas chromatography and liquid scintillation spectrometry. Recently developed methods for quantitative determination of some carcinogens. Duties include supervision of a group of assistants. Also involved in several contract proposals.

1968 to 1970

Postdoctoral Fellow, Howard University, Washington, D. C. Participated in the synthesis of azepines and established their configurations innovating experiments to resolve previous contraversies.

1967 to 1968

Postdoctoral Fellow, Baylor University, Waco, Texas Synthesized a hydroperoxide and investigated its decomposition pathways contributing many original ideas.

EDUCATION: Ph.D. in Chemistry, 1967, University of Ottawa, Ottawa, Canada

PUBLICATIONS:

1. Identification and Quantitative Measurement of Some N-Heterocyclics in Marijuana Smoke Condensate. M. Z. Haq, S. J. Rose, L. R. Deiderich and A. R. Patel, Anal Chem., 46, (1974); the paper was presented at the 9th Middle Atlantic Regional Meeting of the American Chemical Society held at Wilkes-Barre, Pennsylvania in April 1974 (Abstracts - 22).

2. Fractionation Studies of Smoke Condensates from Kentucky Reference Cigarettes. A. R. Patel, M. Z. Haq,....,Tob. Sci. 18 59(1974). This paper was also presented by M. Z. Haq at the 27th Tobacco Chemists' Research Conference in Winston - Salem, N. C. in Oct. 1973 (Abstracts - 30).

3. Diels-Alder Reaction between Dimethylfulvene and Vinylene Carbonate. M. Z. Haq, J. Org. Chem., 37, 3015 (1972). The paper was presented at the 163rd National Meeting of the American Chemical Society in Boston, Mass., April 1972. (Abstracts ORGN 100)

4. Heterocyclic Rearrangements Part VI. Structure and Stereochemistry of a Sulfur Bridged Tetrahydroazepine and Derived Sulfoxides. U. Eisner, M. Z. Haq,...., J. Chem. Soc., Perkin I, 357 (1972).