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CURRICULUM VITAE condensed for Pharmacology of Alcohol  
(Full 17-page document available upon request)

Hugh Jonathan Burford

Born: August 5, 1931; Memphis Tennessee (Shelby Co.)

Married: December 26, 1957, to Dorothy M. Moffett; 2 children

Education:

Millsaps College	B.S. 1954	Chemistry and Biology
Univ. of Mississippi	M.S. 1956	Pharmaceutical Chemistry Minor, Pharmacology
Univ. of Kansas	Ph.D. 1962	Pharmacology; Minors Biochemistry, Physiology

Postgraduate training in Education, Mediated Instruction, Computer Programming, TV Production, *Tests for BAC in Highway Safety Programs and Expert Witness Course*, Indiana Univ. in 1995.

Professional Employment:

An academic Pharmacologist since 1962, with most of tenure spent at Bowman Gray and University of North Carolina. Duties included teaching of health science students, basic medical research and administrative duties. Alcohol research has included work on the Fetal Alcohol Syndrome with grants from DISCUS and NC Alcoholism Research Authority. Also, collaborative work with Fred W. Ellis has been conducted to certify evidential breath testing instruments for the state of NC Between 1974 and 1992, service to the NC Chemical Test Program as an Instructor on The Pharmacology of Alcohol for Breathalyzer Operators.

Professional Society Memberships and Publications:

Membership in "American Society for Pharmacology and Experimental Therapeutics", "American College of Clinical Pharmacology", and Founding charter Member of "Responsible Beverage Service Council". Fifty publications in the scientific literature. (Refereed journals and abstracts of papers read at scientific meetings).

Administrative Activities:

Between 1984 and 1989, service on the "Blood Alcohol Advisory Committee" and the "North Carolina Committee on Chemical Tests for Alcohol".

Medicolegal Experience:

Since 1979, testimony as an expert witnesses in criminal and civil cases in NC for both prosecution and defense attorneys on the Pharmacology of Alcohol. Usual testimony concerns the calculation of alcohol amounts in subjects at the time of testing to verify testimony about alcohol consumption; the calculation of probable alcohol concentrations, during the alcohol elimination phase, (between the time of testing and the peak of the blood alcohol curve), as well as testimony about the degree of impairment of naive and tolerant subjects with varying alcohol concentration values. Cases have included DWI, wrongful death, workmen's compensation, personal injury, and dram shop liability charges.

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